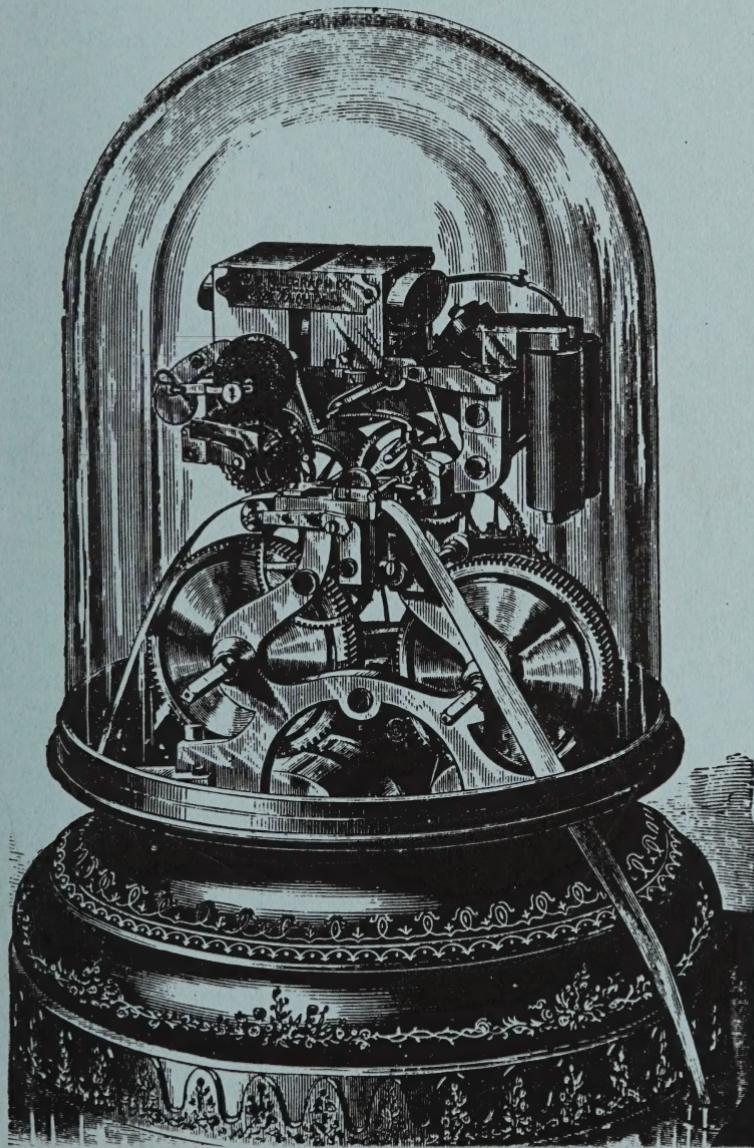


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JAMES AND FELICIA KREUZER, PROPRIETORS

It's been a busy 5 months since we put out our last catalog, we took the kids over to Europe (That was a real trip!). We managed to combine that trip with packing 25 boxes of books from the estate of an ex- president of the British Amateur Radio Society. There were lots of goodies in that library, so keep your eye out in our future catalogs!

There's been an increase of activity on the internet lately, especially on the auction sites, and I'm constantly asked when I'm going to list my catalog on a website so people don't have to wait for it to arrive through the snail mail. Well, I'm still holding off on moving up to that new technology, as many of my established customers don't have any access to the web. We are thinking of making our catalog accessible on the web about 2 weeks after it has been mailed out to our regular customers- any comments will be appreciated!

We still have copies of Joe Knight's Bibliography of Wireless Books in stock, and the price remains \$2.00, so let us know if you'd like a copy with your order.

Our 10 year old son, James has been a great help in putting the catalogs together, and in answering the phone when dad's busy, so we're breaking him in early on the family business.

They're predicting a chance of wet snow for tonight, so it doesn't look like winter is too far off! I hope everyone has a nice holiday season and a safe New Year!!

Best Wishes, The Kreuzers

TERMS OF SALE

1. Shipping \$1.00 per book on orders under \$25.00; orders over \$25.00 are shipped free, except as noted.
2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 6 Redlands, Blundells Road, Tiverton, Devon EX16 4DH, His phone # is 1884 256170, He always carries a nice selection of books on broadcasting!
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AMATEUR BOOKS

1. (ADVERTISING BROCHURE); The Hammarlund "Comet Pro" . 1st edition, 1932. A nice early brochure depicting one of the first Hammarlund receivers on the market. A tri-folding flyer with a bit of staining on the top edge. 3 pages. Good + condition. Rare. Softcover. \$20.00
2. (INSTRUCTION BOOK); Radio Receiving Set AN/URR-35A . 1st edition, 1953. This extensive instruction book includes the theory of operation, installation, operation, maintenance; both preventive and corrective; and a complete parts list for the set. The large folding schematics are included as well. 147 pages. 59 illus. Good + condition. Scarce. Softcover. \$20.00
3. (INSTRUCTION BOOK); RCA Model ET-8003 Radiotelegraph Transmitter . 1st edition, 1937. This folder is from the Engineering Department at Radiomarine Corporation of America, and includes the installation and operating instructions for the Model ET-8003 Radio-Telegraph Transmitter. The cover and some of the pages are lightly soiled, the 2-page schematic diagram is included. 10 pages. Good condition. Rare. Softcover. \$20.00
4. (INSTRUCTION BOOK) R. L. DRAKE CO.; Instruction Book for the Drake Model 2-B Receiver . 1st edition, 1962. This is an original instruction manual for the Drake 2-B and contains schematics, troubleshooting info and alignment details for this popular receiver. 38 pages. Good + condition. Scarce. Softcover. \$20.00
5. (TRADE CATALOG) COMPONENT CATALOG NO. 978; E.F. Johnson Company . 1st edition, 1959. A nicely illustrated catalog of E.F. Johnson's amateur radio products including variable capacitors, tube sockets, connectors and insulators. An entire page is dedicated to telegraph keys and practice sets, including bugs, sounders and relays. This catalog does not contain their line of Viking Amateur Equipment. 21 pages. Very Good condition. Scarce. Softcover. \$20.00
6. (WORKING INSTRUCTIONS); Wireless Set No. 19 Mark II . 1st edition, 1942. This is the complete instructions for wireless set No. 19, a transmitter-receiver designed to be used in armored fighting vehicles and wireless trucks. It includes a complete schematic as well as photos of all the units involved, and a detailed parts list. 80 pages. Very Good condition. Scarce. Softcover. \$30.00
7. AHARONI, J.; Antennae; An Introduction to their Theory . 1st edition, 1946. This book gives a comprehensive account of the theory of antenna design and the calculation of its properties. There is red pencil underlining on 9 pages. 265 pages. 149 illus. Very Good condition. Uncommon. \$35.00
8. ARRL; The Radio Amateur's Handbook 1943 Hardcover! . 20th edition, 1943. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. This is a seldom seen publisher's hardcover edition! 580 pages. 999 illus. Very Good condition. Rare. \$65.00

Amateur Books

9. ARRL; **The Radio Amateur's Handbook 1944 Hardcover!** . 21th edition, 1944. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. This is a seldom seen publisher's hardcover edition! 480 pages. 999 illus. Very Good condition. Rare. \$65.00

10. ARRL; **The Radio Amateur's Handbook 1946 Hardcover!** . 23th edition, 1946. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful 208 page catalog of amateur gear is included at the rear of the handbook. This is a seldom seen publisher's hardcover edition! 468 pages. 999 illus. Very Good condition. Rare. \$55.00

11. CHAMBERLAIN, H.C.; **The Marine Radio Operator's Guide** . 1st edition, 1940. This book is based on the author's 15 years experience at sea, he served in all classes of ships- from tramp steamers to big liners. Chapters include: The Uniform, The First Voyage, Interference, Weather Reports, The Distress Call, The Direction Finder, Press Messages, Short Wave and Maintenance Work. 1st copy we've had! 72 pages. Very Good condition. Scarce. \$30.00

12. DEPARTMENT OF COMMERCE; **Radio Communication Laws of the United States** . 1st edition, 1919. This covers the laws and regulations governing radio operators, and the use of radio apparatus on ships and on land. The various amateur and commercial licenses are described and shown, along with other upgrades and certificates. 102 pages. Very Good condition. Scarce. Softcover. \$30.00

13. DEPARTMENT OF COMMERCE; **Commercial and Government Radio Stations of the United States - 1921** . 1st edition, 1921. This government publication contains land and ship stations which show the call letters, wave length, and owner of the station. The spine has a small chip at the top. 102 pages. Very Good condition. Scarce. Softcover. \$15.00

14. DESOTO, CLINTON; **Two Hundred Meters and Down** . 1st edition, 1936. The story of amateur radio highlighting the pioneers, their development, subsequent recognition, and the new international high frequency communication. This is the hard to find hardcover edition. The cover has a few small spots. 184 pages. Good + condition. Scarce. \$45.00

15. GRAMMER, GEORGE AND GOODMAN, BYRON; **The ARRL Antenna Book** . 2nd edition, 1942. Written by the technical editors of QST, this book contains a large amount of original research work in the field of antenna design and application. Many photos and illustrations are included. The spine is reinforced with clear tape. 144 pages. Good condition. Scarce. Softcover. \$15.00

Amateur Books

16. GRAY, LAURENCE AND GRAHAM, RICHARD; **Radio Transmitters** . 1st edition, 1961. This book contains a wealth of technical information on the operation and maintenance of radio transmitters. It presents a practical analysis of transmitter operation in all its various phases. Circuits, components and the design & testing of transmitters are covered in detail. In perfect condition with a beautiful dust jacket. 462 pages. Fine condition. Scarce. \$55.00

17. GREEN, WAYNE AND OTHERS; **Command Sets** . 1st edition, 1957. Compiled by the editors of CQ magazine, this book includes schematics for most of the command receivers, transmitters, VFO's, and modulators. There are many conversion plans as well as power supply info etc.. This book is like new! 136 pages. 119 photos. 145 illus. Very Good condition. Scarce. Softcover. \$35.00

18. HUND, AUGUST; **Phenomena in High-Frequency Systems** . 1st edition, 1936. A comprehensive treatment of high-frequency systems with applications to problems relative to communication engineering. Included are basic principles of tubes, amplification theory and design, and a large section on antennas. 642 pages. 359 illus. Very Good condition. Uncommon. \$20.00

19. JASIK, HENRY AND JOHNSON, RICHARD C.; **Antenna Engineering Handbook** . 2nd edition, 1984. Edited by Jasik & Johnson, this book has no less than 46 renowned contributors, all specialists in the field of antennas, from long wire to complicated arrays. Containing over 1000 illustrations and line drawings; it is one of the most complete treatises on antenna theory and application. In great condition, it is the first copy we've had! 1487 pages. Very Good condition. Scarce. \$95.00

20. KNEITEL, TOM; **Surplus Conversion Handbook** . 1st edition, 1964. This very informative book covers both surplus transmitters and receivers. Some of the more famous pieces are the command sets, ARC-5, BC-348, ART-13, BC-375, SCR-274, BC-455, BC-603, Super Pro's and a host of other sets. 192 pages. Very Good condition. Uncommon. Softcover. \$20.00

21. KRAUS, JOHN; **Antennas** . 1st edition, 1950. This widely sought after volume covers the theory of antennas, emphasizing their engineering applications. An excellent reference for the practicing engineer, scientist or amateur radio operator. 553 pages. 520 illus. Very Good condition. Scarce. \$75.00

22. KRUSE, S.; **Radio (Boy Scouts of America)** . 1st edition, 1925. This is one of the booklets published by The Boy Scouts of America in connection with the scheme of awarding a merit badge to make a first class scout. It gives details on building your own crystal receiver as well as a simple spark transmitter. There is an excellent 3-page biography of Marconi as well. 28 pages. Very Good condition. Rare. Softcover. \$35.00

23. NOLL, EDWARD M.; **Dipole and Long-Wire Antennas** . 1st edition, 1976. Antenna types from dipole to rhombic are covered in this book, with the topics being arranged in a sequential manner- from simple constructions to more and more complex ones. The serious ham will find examples of almost every type of wire antenna here. 160 pages. 149 illus. Very Good condition. Uncommon. Softcover. \$10.00

Amateur Books

24. **R & M RADIO COMPANY; Conversion Diagrams** . 1st edition, 1950.
Published by a war surplus distributor, this book was made available to those hams who chose to restore and improve their surplus treasures obtained just after the war. This scarce book includes schematic diagrams, instructions and discussion on the BC-348, BC-375, SCR-522, SCR-274, BC-221, ART-13, APN-1, SCR-718 and the APN-4. 55 pages. Very Good condition. Scarce. Softcover. \$30.00

25. **RADDALL, THOMAS H.; The Nymph and The Lamp** . Unknown edition, 1950. A well known story of the adventures of a wireless operator at sea. This copy includes a dust jacket. 345 pages. Very Good condition. Uncommon. \$20.00

26. **VERRILL, A. HYATT; Radio For Amateurs** . 1st edition, 1922. A fine basic guide for the early radio amateur, loaded with many illustrations and instructions for building apparatus. Verrill gives fascinating insight into the early 20's radio constructors. The covers and the interior of this book is like new! A difficult title to find! 228 pages. Very Good condition. Scarce. \$30.00

BROADCASTING 1920-30

27. **"DICTRON"; Wireless Step by Step** . 1st edition, 1930. An interesting title written for the newcomer to the broadcast craze during the 1920's. The author remains a mystery, (if anyone could reveal his identity, I would appreciate it.) Most of this book covers the use of the valve in wireless telegraphy & telephony. This is the 7th printing, & the spine is slightly worn. 185 pages. 46 illus. Good + condition. Scarce. \$20.00

28. **(CATALOG); Radio Enters The Home** . 1st edition, 1922. This is RCA's first trade catalog for the home consumer. The cover is attractively printed in color and depicts a family gathered around a Aeriola Grand receiver. All RCA's first receivers and transmitters are shown with specifications and price, as well as individual components & tubes. There's a tiny hole thru the top (for string) & tape on spine 128 pages. Very Good condition. Scarce. Softcover. \$55.00

29. **(MAGAZINES); Radio Index (RADEX)** . 1st edition, 1928. Nice collection of 23 issues of an uncommon periodical published during the heyday of radio. They date from October 1927 - April 1941 & are numbered 19 to 142. The frequencies for all the stations in the U.S. are listed in each issue, as well as many great articles on early radio. In generally good+ condition, 2 have loose covers & 1 is taped. 1380 pages. Good + condition. Scarce. Softcover. \$95.00

30. **(TRADE CATALOG); Allied Radio Corp.** . 1st edition, 1929. This is one of the first catalogs published by this famous company. It has a colorful cover and is in very nice condition, with only some yellowing of the pages to detract from it. There are short wave receivers, transmitters, tubes, speakers, antennas and even a page of scanning disk television equipment shown. 162 pages. Very Good condition. Rare. Softcover. \$40.00

Broadcasting 1920-30

31. **ATWATER KENT; Atwater Kent Service Manual** . 1st edition, 1930.
This is the noted A-K service manual ranging from the model 55 to the later model AC sets. Atwater Kent speakers and phonographs are included, as well as parts lists using A-K part numbers. Bound in the A-K leatherette cover, it does not include the earlier breadboard and battery models. This baby weighs over 3 lbs! 300 pages. Very Good condition. Rare. \$65.00

32. **CHIEF SIGNAL OFFICER; Elementary Principles Of Radio Telegraphy And Telephony** . 2nd edition, 1921. This publication is designated by the Signal Corps as "Radio Communication Pamphlet No. 1". Spark transmitters, as well as vacuum tube receivers are described. This book was prepared in the Office Of The Chief Signal Officer and covers both wireless telegraphy and wireless telephony. 79 pages. 56 illus. Fine condition. Scarce. Softcover. \$20.00

33. **COCKADAY, LAURENCE M.; Radio-Telephony For Everyone** . 1st edition, 1922. Contains the working theory of radio in general, but particularly the radiophone transmitter and receiver. Crystal detectors, vacuum tubes, antennas and amplification comprise some of the chapters, along with building radio receivers. A nice copy written by a famous radio engineer of the 20's. 213 pages. 65 illus. Very Good condition. Uncommon. \$25.00

34. **COURSEY, P.R.; The Radio Experimenter's Handbook** . 1st edition, 1922. A book written with the serious experimenter in mind. Topics included are the aerial circuit, transmitter, receiver (tuner & detector), and amplifier. The Mark III crystal set is pictured and its circuit explored in detail. Only 10,000 copies were printed, so this is a very scarce title! The spine has been neatly replaced. 113 pages. 99 illus. Good + condition. Rare. \$55.00

35. **DOWSETT, H. M.; Wireless Telephony And Broadcasting** . 1st edition, 1924. Contained in two volumes, this is probably the most complete work done on wireless telephony in the United Kingdom up til its time. An in depth history is included as well as hundreds of photos and illus. of early wireless gear. This is a very nice set with little wear to the covers. 442 pages. Very Good condition. Rare. \$215.00

36. **ERSKINE-MURRAY, JAMES; Wireless Telephones** . 3rd edition, 1923. A well balanced sketch of the subject by the author of "Wireless Telegraphy". Included is a brief outline of wireless telephony, as well as the Poulsen system of arc transmission and the use of the vacuum tube as a high-frequency generator. Knight's List # 89. 84 pages. 21 illus. Very Good condition. Scarce. \$40.00

37. **GREENWOOD, W.; A Textbook Of Wireless Telegraphy and Telephony** . 2nd edition, 1930. The object of this book is to treat wireless as a branch of electrical engineering and educate the average engineer in the field. Well illustrated, containing a very nice section on vacuum tubes. 275 pages. 196 illus. Very Good condition. Scarce. \$20.00

Broadcasting 1920-30

38. JONES, BERNARD E.; **Loud-Speaker Crystal Sets** . 1st edition, 1925. A rarely seen handbook on building and experimenting with the most efficient crystal sets, & one section fully explains the "A.W." Crystal Loud-Speaker system. The author was editor of "Amateur Wireless" magazine. One of the most in-depth studies on the crystal set. The first copy we've ever seen! 138 pages. 140 illus. Very Good condition. Very Rare. \$95.00

39. LACAULT, R.; **How To Make Radio-Phone Receiving Sets** . 1st edition, 1923. An excellent little booklet containing complete diagrams and construction data on crystal sets & one, two, and three tube receiving sets. Includes an early list of broadcast stations. The back cover is missing. 45 pages. 19 illus. Good + condition. Uncommon. Softcover. \$20.00

40. MORECROFT, J.H.; **Principles of Radio Communication** . 2nd edition, 1927. This excellent book outlines all areas of radio communication, from the fundamental ideas and laws to spark telegraphy and radio telephony. Also covered are vacuum tubes, antennas, amplifiers, and wavemeters. From The Teleglobe Library, the front blank endpaper is missing. 1001 pages. 26 photos. 680 illus. Good + condition. Uncommon. \$15.00

41. MOULLIN, E.B.; **The Theory and Practice Of Radio Frequency Measurements** . 1st edition, 1926. The first book devoted to radio frequency, using the valve as a generator, written especially for use as a laboratory manual. Test instruments and hookups are shown when possible, while many diagrams reinforce the text. 278 pages. 134 illus. Very Good condition. Scarce. \$25.00

42. PALMER, L.S.; **Wireless Principles and Practice** . 1st edition, 1928. A nicely illustrated volume covering wireless circuits, the theory of the valve, spark and arc transmitters, wireless telephony, and directional wireless. Contains a fine bibliography at the end of each chapter. 504 pages. 307 illus. Very Good condition. Scarce. \$35.00

43. **RADIO NEWS; 101 Radio Hook-Ups** . 1st edition, 1930. This little volume contains circuits which were popular among early radio experimenters and others who prefer to "roll their own". It includes circuits on short wave receivers and transmitters, as well as audio amplifiers and power supplies. Designated as Volume 1 # 1, this is in beautiful condition! 62 pages. 101 illus. Very Good condition. Scarce. \$15.00

44. **RCA VICTOR COMPANY; RCA Service Notes 1923 - 1928** . 1st edition, 1929. The Rare UN-ABRIDGED edition that includes all of RCA's seldom seen early sets and their specs, schematic diagrams, battery hook ups, etc. Some of the sets covered include the Radiola AR, RT, RC, RS, AC, AR-1300, AA-1400, AA-1520, Radiola II, III, IIIA, IV, V, VI, VII, VIIIB VIII, IX, X, & Radiola Grand. There are a few minor spots on the cover 350 pages. Good + condition. Very Rare. \$140.00

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45. ROBISON, S.S.; *Radio Telegraphy and Telephony* . 6th edition, 1924.
This book is nicely illustrated with many photos of radio equipment. A large book, this volume was written for the use of naval radiomen. All facets of radio communication are covered, such as spark transmitters, arc transmitters, and many types of receivers. A large book, hard to find in this condition. 895 pages. 453 illus. Very Good condition. Scarce. \$35.00

46. ROBISON, S.S.; *Radio Telegraphy and Telephony* . 8th edition, 1928.
This is the last revised edition of Robison's famous manual. A large book, this volume was written for the use of naval radiomen. All facets of radio communication are covered, including spark and arc transmitters, and many types of receivers. From The Franklin Institute Library. 791 pages. 425 illus. Very Good condition. Uncommon. \$35.00

47. SLEEPER, M.B.; *Construction of Radio Phone and Telegraph Receivers* . 1st edition, 1922. This book includes instructions, photos, drawings, and data prepared especially for the radio novice and experimenter. It encourages one to build of all types of crystal, audion, and regenerative receivers, as well as amplifiers and loud speakers for radio telephone broadcast reception. 142 pages. 74 illus. Very Good condition. Scarce. Softcover. \$20.00

48. STAFF OF RADIO NEWS; *Radio Trouble Finder* . 1st edition, 1929.
This early work on troubleshooting has a nice colorful cover depicting a serviceman at work on a vintage receiver. All stages of the radio are covered, as well as many types of battery eliminators and power supplies. 1st copy we've seen! 64 pages. 49 illus. Very Good condition. Rare. Softcover. \$10.00

49. STERLING, GEORGE E.; *The Radio Manual* . 2nd edition, 1931. This excellent book covers early commercial wireless apparatus. Included are chapters on radio broadcasting equipment, arc and spark transmitters, and commercial radio receivers such as the Marconi 106 and WSA 1P501, 503, and Western Electric 4D. SIGNED by the author! 797 pages. Very Good condition. Uncommon. \$45.00

50. WILLIAMS, HENRY SMITH; *Practical Radio* . 1st edition, 1922. A profusely illustrated book containing everything necessary to know about radio, published during the initial radio boom. The cover is nicely embossed with a radio knob. The spine & rear cover are slightly wrinkled. 413 pages. 100 photos. 60 illus. Good + condition. Uncommon. \$15.00

51. WIRELESS PRESS INC.; *An Introduction To Radio* . 1st edition, 1922.
Probably the smallest format radio book of the 1920's, it measures only 3" x 5"! A basic theory and explanation of various components along with their combined applications for use in radio transmission and reception. The cover is nicely embossed and is designated as Vol. 1. 95 pages. 35 illus. Very Good condition. Scarce. Softcover. \$20.00

Broadcasting 1920-30

52. YATES, RAYMOND F. & PACENT, LOUIS G.; *The Complete Radio Book* .
1st edition, 1922. A well written book designed to instruct and entertain
the layman as to the practical, commercial, and romantic aspects of
radiotelephone and telegraph communication. Contains many nice photos.
Includes an excellent chapter on who's who in radio, giving biographical
sketches on people such as George Clark, Elmer Bucher, etc.. 330 pages. 64
illus. Very Good condition. Uncommon. \$30.00

BIOGRAPHIES

53. APPLEYARD, ROLLO; *A Tribute to Michael Faraday* . 1st edition,
1931. A fine biography written about Michael Faraday on the 100th
anniversary of his famous electromagnetic discoveries. Contains some very
excellent photos and illustrations. An important book for the historian of
electricity or wireless telegraphy. 204 pages. 30 illus. Fine condition.
Scarce. \$55.00

54. DEFOREST, LEE; *Father of Radio* . 1st edition, 1950. An intimate
autobiography by one of the most interesting and versatile geniuses who
ever lived. DeForest was a pioneer in early wireless and formed one of the
first companies in America. He also invented the 3- element vacuum tube.
Includes his patent list, which covers 47 years, as well as a nicely
illustrated dust jacket. 502 pages. 33 photos. 8 illus. Very Good
condition. Scarce. \$65.00

55. DIBNER, BERN; *Benjamin Franklin - Electrician* . 1st edition, 1976.
Written in celebration of the 200th anniversary of our nation's birth,
this is a fine biography of Franklin and includes many of his experiments
with electricity. 48 pages. 15 illus. Very Good condition. Uncommon.
Softcover. \$20.00

56. DIBNER, BERN; *Oersted and the Discovery of Electromagnetism* . 1st
edition, 1961. Beginning with the history prior to Oersted's discoveries,
this pamphlet relates his biography interspersed with many drawings
explaining experiments with electromagnetism. Includes a nice bibliography.
47 pages. 1 photos. 23 illus. Fine condition. Uncommon. Softcover. \$20.00

57. DIBNER, BERN; *The Ten Founding Fathers of the Electrical Science*
. 1st edition, 1954. A fine work consisting of a short biography of
these early experimenters: Gilbert, Guericke, Franklin, Volta, Ampere,
Ohm, Gauss, Faraday, Henry, and Maxwell. Many fine illustrations of the
men are also included. 48 pages. 21 illus. Fine condition. Uncommon.
Softcover. \$20.00

58. EVE, A.S.; *Rutherford; Being the Life and Letters of the Rt Hon. Lord
Rutherford* . 1st edition, 1939. The noted biography of
Rutherford, whose laboratory experiments on radioactivity and the atomic
theory led to many discoveries & honors. Referred to as the greatest
experimental physicist of his day, he is often compared with Faraday. He
developed the 1st type of magnetic detector and & demonstrated it prior to
Marconi's first experiments! 451 pages. 17 photos. 6 illus. Very Good
condition. Rare. \$30.00

Biographies

59. **FESSENDEN, HELEN M.; Fessenden, Builder of Tomorrows** . 1st edition, 1940. The story of one of America's greatest radio pioneers. He developed the first wireless telephone, and the sonic depth finder. This book shows the principles and technique underlying the work of this great inventor and pictures the infancy of wireless. 362 pages. Very Good condition. Scarce. \$75.00

60. **FLEMING, JOHN AMBROSE; Memories Of A Scientific Life** . 1st edition, 1934. This important biography describes the life of the inventor of the thermionic valve, or vacuum tube. It tells of his early days working on the telephone and electric lighting systems, as well as his most important work with Marconi. 244 pages. Good + condition. Scarce. Softcover. \$55.00

61. **GILBERT, A.C. AND MCCLINTOCK, MARSHALL; The Man Who Lives In Paradise (A.C. Gilbert Toys)** . 1st edition, 1954. The story of A.C. Gilbert told in his own voice. His erector set soon became a household word and his business philosophy led to his fantastic success. An incredible man with diverse interests, this story is difficult to put down! The full story of Clarence Tuska & the radios he introduced for A.C. Gilbert is told here. Signed by Gilbert! 374 pages. 16 photos. Very Good condition. Rare. \$95.00

62. **GUNSTON, DAVID; Marconi; Father of Radio** . 1st edition, 1965. An excellent biography on the inventor of radio, Guglielmo Marconi. This book concentrates on the scientific and practical aspects of Marconi's work in wireless telegraphy. Includes a fine pictorial dust jacket. 128 pages. 15 photos. 15 illus. Very Good condition. Scarce. \$25.00

63. **JACOT, B.L. AND COLLIER, D.M.B.; Marconi- Master Of Space** . 1st edition, 1935. A fine biography of Marconi, published in London, and being the first authorized by the old man, while he was still alive. After learning of this book's existence I searched high and low until I was thrilled to locate one for my library; this is the first German language copy that I was fortunate enough to find. 287 pages. 16 photos. Very Good condition. Rare. \$115.00

64. **JOLLY, W.P.; Marconi** . 1st edition, 1972. This biography of the Father of Radio is the first to separate fact from rumor about this genius who inspired both hatred as well as admiration. Includes details surrounding the Marconi Scandal, tempestuous love affairs, and his escape from death on the Lusitania. 292 pages. 24 photos. Fine condition. Scarce. Dust Jacket. \$30.00

65. **LAMME, BENJAMIN GARVER; Benjamin Garver Lamme: An Autobiography** . 1st edition, 1926. A fascinating story of one of the most important electrical engineers of the 19th Century. It traces his discoveries and inventions with motors at Westinghouse to the development of railway electrification. Included is a list of his published papers. 271 pages. 45 photos. Very Good condition. Uncommon. \$20.00

Biographies

66. LEONARD, JONATHON NORTON; LOKI - The Life of Charles Proteus Steinmetz . 1st edition, 1929. This is the famous biography about the mathematical genius of General Electric. It tells of his personal life as well as his work on the alternating current motor. 291 pages. 8 photos. Good + condition. Uncommon. \$30.00

67. MARCONI, DEGNA; My Father Marconi . 1st edition, 1962. This fascinating biography of Marconi was written with affection and understanding by his eldest daughter, who has drawn from the great wireless pioneer's diaries and correspondence as well as from scientific and historical records of his work. 320 pages. 23 photos. Fine condition. Scarce. Dust Jacket. \$25.00

68. MILLER, FRANCIS TREVELYAN; Thomas A. Edison; Benefactor of Mankind . 1st edition, 1931. The romantic life-story of the world's greatest inventor. This work portrays the full credit which was given to Thomas Edison for his epochal achievements. 320 pages. 39 photos. 20 illus. Very Good condition. Uncommon. \$20.00

69. SIMONDS, WILLIAM ADAMS; Edison; His Life, His Work, His Genius . 1st edition, 1934. A thorough biography of that amazing wizard, Thomas A. Edison. This book contains the entire life story of America's most famous inventor. All of his important inventions are described in detail. Included is a five-page bibliography. The endpapers are nicely decorated with fine illustrations and descriptions of his inventions-Signed By The Author! 364 pages. 16 photos. Very Good condition. Scarce. \$45.00

70. SOLARI, LUIGI; Marconi Im Privatleben Und Bei Der Arbeit . 1st edition, 1942. This biography was written by one of Marconi's earliest assistants and friend throughout his life. Written entirely in German, Solari had a front row seat to the discoveries and primitive experiments Marconi performed early in his career. This is the first copy of this title we've come across. 329 pages. 11 illus. Good + condition. Rare. \$95.00

71. TATE, ALFRED O.; Edison's Open Door . 1st edition, 1938. A tribute to the character of the famous inventor, by a man who came to know him intimately in his capacity as his private secretary. This book contains many insights expressed by Edison through his everyday encounters with other distinguished inventors such as Ford and Westinghouse. Includes a nicely illustrated dust jacket. 320 pages. Very Good condition. Scarce. \$45.00

72. TEBBEL, JOHN; David Sarnoff; Putting Electrons To Work . 1st edition, 1963. The story of the Chairman of the Board of R.C.A. As he worked his way up the ladder of The Marconi Company he became the head of the greatest communications company that ever existed. A nice copy with an illustrated dust jacket. 191 pages. 14 photos. Very Good condition. Uncommon. \$20.00

73. THOMSON, J. J.; Recollections and Reflections . 1st edition, 1936. This scarce autobiography covers the life of Thomson, from his school days and work at the Cavendish Laboratory, to his discovery of the electron and subsequent experiments. A very nice copy of a hard to title. 451 pages. 10 photos. Very Good condition. Scarce. \$55.00

Biographies

74. **VYVYAN, R.N.; Marconi and Wireless (Wireless Over 30 Years)** .
2nd edition, 1974. This accurate treatise deals with Marconi's personal life as well as his experiments in wireless telegraphy up to 1930. Vyvyan was Marconi's senior engineer, and therefore presents an objective view of him and his work. This book was originally published in 1933 under the title "Wireless Over 30 Years". Includes a nicely illus. dust jacket. 256 pages. 16 photos. 12 illus. Very Good condition. Scarce. \$30.00

75. **WAITE, HELEN E.; Make A Joyful Sound** . 1st edition, 1961. This biography portrays the romance of Mabel Hubbard and Alexander Graham Bell. The author made an intimate study of the personal factors which led to his invention of the telephone. Includes a nicely illustrated dust jacket. 284 pages. Very Good condition. Uncommon. \$15.00

76. **WALSH, JAMES J. AND BROTHER POTAMIAN; Makers Of Electricity** . 1st edition, 1909. A biographical history of electricity, from the discoverers of the loadstone to Lord Kelvin, including Faraday and Maxwell. An early, well-written volume, giving insight to the importance of these men. George Ohm, Hans Christian Oersted and Andre Ampre are also covered in depth. This is a presentation copy signed by James Walsh. 404 pages. 22 illus. Very Good condition. Rare. \$95.00

77. **WOODBURY, DAVID O.; Elihu Thomson; Beloved Scientist** . 1st edition, 1944. A complete biography of this most fascinating pioneer of the electrical age. He is credited with almost 800 electrical patents beginning with wireless telegraphy in 1875. He went on to invent many electrical items in use today. 358 pages. 20 photos. Very Good condition. Scarce. \$20.00

78. **WOODBURY, DAVID O.; A Measure For Greatness** . 1st edition, 1949. An inspiring biography of Edward Weston, along with a chronological record of Weston's inventions cast against a background of the general development of the electrical art. Weston's electric motors, incandescent lamps and measuring devices made a large impact in the technological development of our country. Includes a nice dust jacket. 230 pages. 12 illus. Very Good condition. Scarce. \$35.00

BIBLIOGRAPHY/REF

79. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog (Reprint)** . 1st edition, 1909. This is a limited edition (150 copies) quality reprint, the original a gift for members of the American Institute Of Electrical Engineers. It lists the library of Latimer Clark, procured by Wheeler who eventually donated it to the IEE. A fantastic reference work consisting of 7000+ books & pamphlets relating to early communication technology. 979 pages. 60 illus. New condition. Uncommon. \$90.00

COMPUTER

Computer

80. BABBAGE, CHARLES; *Passages In The Life Of A Philosopher* . 1st edition, 1864. This is the autobiography of the father of the computer. Rarely seen for sale, he explains his life story including experiments and the development of his various "difference engines", or analog computers. From the University of Chicago Library, with a red cloth binding. The frontispiece is not present, but a very desirable copy anyway. 496 pages. Good + condition. Very Rare. \$165.00

81. KORN, GRANINO A. AND THERESA M.; *Electronic Analog and Hybrid Computers* . 1st edition, 1964. A comprehensive overview of electronic analog computers including designing circuit theory, and references for computer systems development. Thoroughly interspersed with numerous diagrams and illustrations. One of the first books published on the electronic computer, includes a chipped dust jacket. 584 pages. Very Good condition. Scarce. \$45.00

82. KORN, GRANINO A. AND THERESA M.; *Electronic Analog and Hybrid Computers* . 2nd edition, 1956. A comprehensive overview of electronic analog computers including designing circuit theory, and references for computer systems development. Thoroughly interspersed with numerous diagrams and illustrations. One of the first books published on the electronic computer, from the Canadair Engineering Library. 452 pages. Good + condition. Scarce. \$30.00

83. MILLMAN, JACOB AND TAUB, HERBERT; *Pulse and Digital Circuits* . 1st edition, 1956. This text provides a description and an analysis of the circuits and techniques common to the digital computer. One of the McGraw-Hill Electronic Engineering Book Series, this work imparts a deep theoretical understanding of all types of pulse and digital circuits. 687 pages. 496 illus. Very Good condition. Scarce. \$20.00

ELECTRICITY

84. (TRADE CATALOG); L.E. Knott Apparatus Company Catalog # 26 . 1st edition, 1921. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, radiometers, microscopes, telegraph apparatus, galvanometers and other great demonstration gear. There is little wear to the covers- it's one of the nicest we've had! 326 pages. Very Good condition. Rare. \$215.00

85. (TRADE CATALOG); *Western Electric Co. 1926-27* . 1st edition, 1926. The most fantastic electrical supplies catalog we've come across! Hardbound and in great condition, you name it and its here! Every kind of telephone apparatus is contained in this catalog, including 6 pages of insulators. From fire alarm apparatus to early meters & test instruments, and even electric fans & arc lamps & more, it's all here! 1012 pages. Good + condition. Very Rare. \$175.00

Electricity

86. (TRADE CATALOG); Western Electric Co. 1920 . 1st edition, 1920. The most fantastic electrical supplies catalog we've come across! Hardbound and in great condition, you name it and its here! Every kind of telegraph apparatus is contained in this catalog, including 40 pages of insulators, keys, sounders and relays, early meters & test instruments, and even electric fans, Lionel Trains and much much more! 1248 pages. 999 illus. Good + condition. Very Rare. \$195.00

87. (TRADE CATALOG); Chicago Apparatus Co. Catalog #41 . 1st edition, 1929. A nice hardbound catalog of physics, general science and chemistry supplies and apparatus. Included are static machines, X-ray tubes, Geissler tubes, Crookes' tubes, coherer wireless outfits, telegraph apparatus, galvanometers, vacuum pumps, and other great demonstration equipment. 499 pages. Very Good condition. Rare. \$145.00

88. (TRADE CATALOG); Manhattan Electrical Supply Co. . 1st edition, 1913. This is hardcover Mesco catalog #25 containing thousands of beautiful illustrations depicting early telegraph, telephone, electrical and even blasting machines! Insulators, fans and testing gear are also found in abundance. There are even 11 pages with early wireless & spark apparatus! The edges of the pages are slightly wavy. 872 pages. Good + condition. Rare. \$245.00

89. (TRADE CATALOG); Central Scientific Co. Laboratory Apparatus and Supplies . 1st edition, 1941. This is Central Scientific's Catalog J141 covering physics, chemistry and the natural sciences. This massive catalog weighs 7 1/2 pounds and contains static machines, geissler tubes, induction coils, Tesla and high frequency apparatus, telegraph, galvanometers, Crookes' tubes, X-Ray tubes, microscopes, etc. One of the largest I've ever seen! 1640 pages. 999 illus. Very Good condition. Rare. \$95.00

90. (TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog F . 1st edition, 1929. A wonderful catalog illustrating any kind of scientific apparatus you could imagine! Geissler tubes, Wimshurst machines, X-Ray tubes & apparatus, electromagnets, induction coils, sound & optical apparatus, meters, galvanometers and even a coherer receiver/transmitter! The cover is beautifully embossed in green & gold- Very Nice! 602 pages. 999 illus. Very Good condition. Rare. \$165.00

91. (TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog F Supplement . 1st edition, 1931. A rare supplement to Catalog F illustrating "New and Improved Physical Apparatus and Instruments". This supplement contains static machines, Tesla High-Frequency Apparatus, Gramme machine, vacuum pumps, and many neat gyroscopes. There is a stain at the bottom of some of the pages, not affecting the text. The rear cover is loose. 68 pages. 102 illus. Good condition. Rare. Softcover. \$65.00

Electricity

92. (TRADE CATALOG) GENERAL ELECTRIC CO.; Electrical Laboratory Apparatus . 1st edition, 1938. This catalog was supplied to colleges and technical schools and is designated GEA-1185C. It contains oscillographs, bridges, meters, vacuum tubes, dynamometers, high-voltage testing equipment, motor- generators, mercury-arc rectifiers, relays, etc.. 64 pages. Very Good condition. Scarce. Softcover. \$25.00

93. (TRADE CATALOG) L.E. KNOTT APPARATUS; Physics Laboratory Equipment . 1st edition, 1907. This is an early trade catalog by the famous L.E. Knott Apparatus Co. of Boston. It includes vacuum pumps, radiometers, static machines, induction coils, Geissler & Crookes' tubes, X-Ray tubes & apparatus, galvanometers, dynamoës, telegraph keys & equipment, arc lamps, and 4 pages of wireless telegraph equipment! Very Nice! 145 pages. Very Good condition. Very Rare. Softcover. \$225.00

94. ABRAHAM, HENRI AND LANGEVIN, PAUL; Quantites Elementaires D'Electricite Ions, Electrons and Corpuscules . 1st edition, 1905. A collection of important papers, contained in two large volumes, written in French by authors such as William Crookes (On Radiant Matter), Heinrich Hertz, Righi and J.J.Thomson. The Crookes article includes some fine illustrations of geissler & early X-Ray apparatus. Other articles elaborate upon cathode & Rontgen Ray developments. 1133 pages. 240 illus. Very Good condition. Very Rare. \$145.00

95. AIEE; The Niagara Falls Electrical Handbook . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. Intended as a guide for visitors from abroad, it contains numerous details on the first successful Niagara power project. Included are many photos of the power plant & associated industries. 208 pages. 106 illus. Very Good condition. Rare. \$95.00

96. AIEE; The Boston Electrical Handbook . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and includes the history and achievements in the electrical industry for the New England area. The Edison Electric Illuminating Co. is covered in detail. Very nice! 205 pages. 106 illus. Fine condition. Rare. \$85.00

97. AIEE; The Pittsburgh Electrical Handbook . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and includes the history and achievements of Westinghouse Electric Co., as well as entire chapters devoted to the Nernst Lamp Co. and Union Switch & Signal Co. 207 pages. 102 illus. Very Good condition. Rare. \$85.00

Electricity

98. AYRTON, W. E.; **Practical Electricity** . 2nd edition, 1900. A laboratory and lecture course for students of electrical engineering, based on the practical definitions of the electrical units. Contains many fine illustrations of early electrical apparatus, including galvanometers, and other early testing apparatus. Written by the pioneer in the development of potential indicators. 643 pages. 247 illus. Very Good condition. Rare. \$45.00

99. CANBY, EDWARD T.; **A History of Electricity** . 1st edition, 1963. This book contains over a hundred beautiful photos and illustrations of early electrical apparatus. Mainly concerned with electrical communication and the transmission of power, a large portion of the book is devoted to pre-1850 electrical experimentation. Included is a nicely illustrated dust jacket, this is ex-library. 111 pages. Very Good condition. Scarce. \$25.00

100. DIBNER, BERN; **Early Electrical Machines** . 1st edition, 1957. An excellent publication, profusely illustrated with early apparatus used in experimentation with electricity and the men who participated. Very Nice! 57 pages. 52 illus. Very Good condition. Uncommon. \$20.00

101. DICKINSON, L.P.; **Easy Experiments In Electricity And How To Make Them** . 1st edition, 1903. Originally published in serial form in Popular Mechanics, 63 well illustrated experiments are described. An interesting collection, they range from a simple telegraph instrument, to an electric pipe bomb, galvanometer, and voltmeter. The front cover is embossed, showing a silver dynamo with sparks emanating from it. 207 pages. Very Good condition. Scarce. \$30.00

102. GEBERT, KENNETH L. AND EDWARDS, KENNETH R.; **Transformers** . 2nd edition, 1974. This 2nd edition, relays in a single, readable format the basic electrical & magnetic principles applied to the subject. The many photos & diagrams show a variety of construction and application, as well as design and proper maintenance. 346 pages. 218 illus. Very Good condition. Scarce. Softcover. \$20.00

103. GREENWOOD, ERNEST; **Amber To Amperes** . 1st edition, 1931. From Thales to wireless, the author attempts to portray the social and historical background of electricity's fascinating history. Many important events are described, along with the inventors who took part in its growth. The cover is chipped at the top of the spine and on the corners. 332 pages. 15 illus. Good + condition. Scarce. \$40.00

104. HOUSTON, EDWIN J. & KENNELLY, A.E.; **Electrical Engineering Leaflets** . 1st edition, 1899. A series of lessons written especially for the engineering student, with sections on dynamos, motors, incandescent and arc lighting, electromagnets, and testing apparatus in a fine publisher's red cloth binding. 296 pages. 121 illus. Very Good condition. Rare. \$30.00

105. JANSKY, CYRIL M.; **Electrical Meters** . 2nd edition, 1917. This could best be described as the most complete work on meters up to that time. All types of measuring instruments are fully described and illustrated here, including watt-hour and RF meters. A perfect copy with no wear! 416 pages. 65 photos. 250 illus. Fine condition. Scarce. \$55.00

Electricity

106. JEHL, FRANCIS; Menlo Park Reminiscences Vol.I, II, III . 1st edition, 1937. The most extensive history of the work of Thomas Edison and his associates. Written by Francis Jehl, Edison's laboratory assistant, the 3 volumes are profusely illustrated with photos of his early experiments and apparatus. A very nice set of the hardcover edition for the Edison researcher. 1156 pages. 476 photos. 170 illus. Very Good condition. Rare. \$115.00

107. JOHNSON SMITH & CO.; The Star Amateur Electrician . 1st edition, 1907. The how and why of electricity with plans for making and operating electrical apparatus, toys and novelties. Using this neat little book, you are given instructions to build an induction coil, wireless telegraph apparatus and an electric motor, just to name a few! 66 pages. 63 illus. Good + condition. Scarce. Softcover. \$35.00

108. KEMPE, H.R.; Handbook of Electrical Testing . 3rd edition, 1884. This is one of the most in depth books written up to its time on the subject of electrical testing apparatus. It covers the galvanometer, Wheatstone bridge, Thomson quadrant electrometer and many other devices from the turn of the century. Includes many engravings of various manufacturer's instruments. 494 pages. 135 illus. Good + condition. Rare. \$95.00

109. LODGE, SIR OLIVER; Modern Views of Electricity . 1st edition, 1889. In this special work, Lodge describes conduction and magnetism with relation to electricity. Also covered are early experiments on the ether and electromagnetic and electrostatic interaction between electricity and light. The work of Hertz is looked at in detail. Contains some fine illustrations of early electrical apparatus. Nice! 422 pages. 55 illus. Very Good condition. Scarce. \$55.00

110. MAXWELL, JAMES CLERK; Electricity and Magnetism . 1st edition, 1954. Maxwell's famous treatise in which he applies Faraday's Laws and discoveries pertaining to electromagnetism. This is an unabridged Dover reprint of the 3rd edition from 1891. There are 20 plates contained at the rear. An affordable volume of this most important work in electricity, including a nice dust jacket. 1006 pages. Fine condition. Scarce. \$55.00

111. MEADOWCROFT, WILLIAM H.; The ABC of Electricity . 9th edition, 1889. A nicely illustrated book covering all facets of 19th Century electricity, including the dynamo, electric light, telephone, etc. The cover is beautifully embossed with an engraving of a bipolar dynamo and 3 light bulbs. 108 pages. 36 illus. Good + condition. Scarce. Softcover. \$20.00

112. REED, EMERSON G.; Transformer Construction and Operation . 1st edition, 1928. This volume incorporates the theory, design and basic operation of the transformer for use by the engineer in the field. Includes a 13 page historical survey of the transformer. Various methods of cooling and different types of insulators are covered in depth. The spine is split at the top. 227 pages. 129 illus. Good + condition. Scarce. \$20.00

Electricity

113. RIDER, JOHN F.; *The Meter at Work* . 1st edition, 1944. An elementary manual intended for use by the radio serviceman. The author employs an unusual style by dividing the book in two separate parts, one placed above the other. An interesting concept, one is able to cross reference text with illustrations. I've never seen another example quite like it! 152 pages. 136 illus. Very Good condition. Scarce. \$20.00

114. ROBINSON, F.J.; *Keys For the Practical Electrical Worker* . 1st edition, 1902. This book contains much information on electrical and communication systems of the turn of the century. There are also many diagrams of electric light installations, street railway, telegraph, telephone, and other similar apparatus. 193 pages. 129 illus. Good + condition. Scarce. \$15.00

115. SKOLFIELD, WILLIAM K.; *A Century Of Electric Fans* . 2nd edition, 1979. Without a doubt, this is the best book written on the history and development of the electric fan. Manufacturing methods and various applications are also covered, along with a short bibliography on the subject. The author spent 34 years in the design and development of electric fans at General Electric Co.. ** This is a later photocopy!** 152 pages. 107 photos. 45 illus. Good + condition. Common. Softcover. \$20.00

116. SMITH, ARTHUR WHITMORE; *Electrical Measurements in Theory and Application* . 1st edition, 1914. An excellent work on electrical testing of various circuits using the voltmeter, galvanometer, wheatstone bridge, potentiometer, fluxmeter and ammeter. 243 pages. 99 illus. Very Good condition. Uncommon. \$15.00

117. ST. JOHN, THOMAS M.; *The Study of Electricity and Magnetism By Experiment* . 2nd edition, 1900. A wonderful book which contains complete directions for making all kinds of apparatus for the study of electricity, including 200 experiments using those home-made items. The experiments include electro-magnets, induction coils, electric bells, and electric motors. This book matches the other outstanding titles by St. John. 220 pages. 168 illus. Good + condition. Rare. \$45.00

118. THOMSON, GEORGE PAGET; *J. J. Thomson and The Cavendish Laboratory In His Day* . 1st edition, 1964. This book contains a description and explanation of the work of J.J. Thomson and the men who worked with him in the Cambridge Laboratory, and showing the relations to the physics of their day. His work in the discovery of the electron is discussed in detail. Includes a nicely illustrated dust jacket. From the Reigate College Library. 186 pages. 20 photos. 25 illus. Very Good condition. Scarce. \$35.00

119. TROWBRIDGE, JOHN; *What Is Electricity?* . 1st edition, 1898. A popular account exploring many aspects of the subject including power transmission, electric waves, wireless telegraphy and sources of power. One chapter is dedicated to the X-Ray, then in its infancy. The author also wrote early juvenile stories on electricity and wireless. 315 pages. 53 illus. Very Good condition. Rare. \$30.00

Electricity

120. TYNDALL, JOHN; **Lessons in Electricity** . 1st edition, 1877.
Contains early history of electricity, the use of the electroscope, the history of the Leyden Jar, and early use of electric light in a vacuum. Illustrations show many electrical experiments using early apparatus. 113 pages. 58 illus. Very Good condition. Rare. \$65.00

121. UNDERHILL, CHARLES R.; **Solenoids Electromagnets and Electromagnetic Windings** . 2nd edition, 1921. An uncommon topic, this book explains the evolution of the solenoid as well as various types of electromagnets. Many illustrations accompany the text, allowing a thorough treatment of the subject. The winding of coils is dealt with in depth. One of the best books on the subject. 342 pages. 224 illus. Very Good condition. Scarce. \$35.00

HISTORY OF RADIO

122. (MAGAZINE); **Radio Craft Jubilee Souvenir Issue- 50 Years of Radio** . 1st edition, 1938. Published by Hugo Gernsback, this incredible issue has many never-before seen photos of early wireless apparatus, installations, horns, tubes, and parts. It includes reminiscences of old timers, the progress of radio sets, and a chronological history of radio sets. This is the nicest copy I've seen, with very little wear. 144 pages. Very Good condition. Rare. Softcover. \$45.00

123. BAKER, W.J.; **A History of The Marconi Company** . 1st edition, 1970.
The official version of Marconi himself, along with the most complete history of the company that has been written up to this date. This is a fascinating treatise belonging in every radio historian's library. 414 pages. 23 photos. 26 illus. Very Good condition. Uncommon. \$40.00

124. BAXTER, JAMES PHINNEY 3RD; **Scientists Against Time** . 1st edition, 1947. The revealing history of American scientists at war and the story of the death-dealing and lifesaving devices which contributed to victory in World War II. It reveals the official inside story of the OSRD and the work done on radar, weapons, medicine & the atomic bomb, written by the official historian of the OSRD. Ex-Library w/marker over ID. 473 pages. 73 photos. Good condition. Scarce. \$20.00

125. BELL TELEPHONE LABORATORIES; **A History of Engineering and Science in the Bell System** . 1st edition, 1985. This is the fifth volume of a series documenting the significant contributions of the Bell System to telecommunications technology and is subtitled Switching Technology (1925-1975). This book highlights the research activities from the adventure of an intercity phone call in the 20's to the huge amount of data that digital electronics sends. 812 pages. 695 illus. Fine condition. Uncommon. Dust Jacket. \$35.00

126. COLLINS, HENRY M.; **From Pigeon Post To Wireless** . 1st edition, 1925. This is the story of Reuters' News Agency and the impact which electrical communication (the telegraph and wireless telegraphy) had upon it. A great history of early communications. 312 pages. 6 photos. Very Good condition. Scarce. \$50.00

History of Radio

127. DONALDSON, FRANCES; *The Marconi Scandal* . 1st edition, 1962. This work contains some rarely released information on the Marconi scandal of 1913 which is of equal proportion to the Teapot Dome Scandal. Winston Churchill almost lost his political future as a result. Includes a nicely illustrated, though chipped dust jacket. 304 pages. 25 photos. Very Good condition. Uncommon. \$30.00

128. DOUGLAS, SUSAN J.; *Inventing American Broadcasting 1899-1922* . 1st edition, 1988. An extensive history of wireless telegraphy from Marconi to the broadcast era. I personally recommend this to be the most accurate account of the development of pre 1922 wireless telegraphy. A comprehensive bibliography is included in this well written book, which belongs on every historian's shelf. 363 pages. Fine condition. Common. \$45.00

129. DUNLAP, ORRIN E.; *Marconi: The Man and His Wireless* . 1st edition, 1937. Written in April 1937, (Marconi died in July 1937), making it one of two true biographies written while he was still alive. Very concise and detailed in every way about Marconi's life and achievements. 362 pages. 15 photos. Very Good condition. Scarce. \$55.00

130. DUNLAP, ORRIN E. JR.; *Radio's 100 Men Of Science* . 2nd edition, 1944. A superb volume containing a wealth of information and reference for both the general reader and the historian. Each biography is written as a personal story as well as a record of the unique contribution of each scientist. The best reference source of its kind. In very nice condition, but it is ex-library in a library binding. 294 pages. 98 photos. Very Good condition. Scarce. \$40.00

131. EASTWOOD, ERIC; *Wireless Telegraphy- The Royal Library Of Science* . 1st edition, 1974. This book presents a collection of reprints of papers given at The Royal Institution on the subject of wireless. Many important discoveries were presented there, by such noted scientists as Preece, Marconi, Fleming, Faraday and Eccles. Highlighted by many illustrations which accompanied the original papers. Scarce Title!! 391 pages. Fine condition. Scarce. \$95.00

132. FABRE, MAURICE; *A History of Communications* . 1st edition, 1963. In this unusual book the well-known writer describes and analyzes the immense network of communications upon which our world relies, clearly and concisely traces the fascinating history of the development of communications. He begins with the invention of the movable type and works his way up through the telegraph, radio and television. 112 pages. 103 illus. Very Good condition. Scarce. Dust Jacket. \$20.00

133. FLOHERTY, JOHN J.; *Men Against Distance* . 1st edition, 1954. In this book the author tells about the men who made the developments in communication possible. He profiles Morse, Bell, Marconi, DeForest, Sarnoff and other pioneers who were epics of self-sacrifice and tenacity. Includes a nice dust jacket, ex-Library copy. 148 pages. 17 photos. Good + condition. Scarce. \$15.00

History of Radio

134. GREENWOOD, HAROLD S.; *A Pictorial Album of Wireless and Radio 1905 - 1928* . 1st edition, 1962. This is a nice copy of the first edition of what is now known as "Vintage Radio". This pictorial reference guide belongs on every radio collector's shelf, as it is profusely illustrated with 100's of photos of vintage wireless gear, transmitters, headphones, horns, parts, and vacuum tubes. 223 pages. 999 photos. Very Good condition. Scarce. \$40.00

135. HANCOCK, H.E.; *Wireless at Sea: The First Fifty Years* . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian. Includes a damaged dust jacket. 233 pages. 80 photos. Very Good condition. Rare. \$55.00

136. HARMON, JIM; *The Great Radio Heroes* . 1st edition, 1967. A collection of the nostalgic radio programs of the thirties and forties, including some actual scripts. Included are Tom Mix, Inner Sanctum, and Jack Armstrong. Includes a nicely illustrated dust jacket. 253 pages. Fine condition. Common. Dust Jacket. \$15.00

137. HAZEU, H.A.G.; *Fifty Years Of Electronic Components 1921 - 1971* . 1st edition, 1971. Published by the N. V. Phillips Co., a history beginning in 1921 with the development of their first vacuum tube. The book encompasses the birth of television, radar, computers and all other forms of electronics. Many interesting photos & illustrations of early apparatus are shown. A highly recommended volume including a nice D/J. 344 pages. 250 illus. Very Good condition. Scarce. Dust Jacket. \$45.00

138. HILL, JONATHAN; *The Cat's Whisker* . 1st edition, 1978. In this popular illustrated book, the author traces the history of the wireless set from the efforts of the early amateur enthusiasts through its heyday in WWII to its eclipse with the advent of television. Contains many photos of early sets and early tube apparatus. In perfect condition. Includes a nicely illustrated dust jacket. 96 pages. 122 photos. Very Good condition. Uncommon. \$35.00

139. INTERNATIONAL TELECOMMUNICATION UNION; *From Semaphore To Satellite* . 1st edition, 1965. This large volume follows the rise in telecommunications from the telegraph through wireless telegraphy on up to the modern day satellite. Profusely illustrated with 100's of photos of early telephones, telegraph instruments, radios and radar equipment. Includes a nicely illustrated dust jacket. 343 pages. Very Good condition. Uncommon. \$45.00

140. LEWIS, TOM; *Empire Of The Air- The Men Who Made Radio* . 1st edition, 1991. Empire Of The Air is a magnificent, superbly researched biography of three extraordinary men whose achievements changed our lives forever. The author traces the lives of Lee DeForest, David Sarnoff, and Edwin Howard Armstrong and their personal interactions. Includes many rare photos and an extensive bibliography. Signed by the author. 421 pages. 90 photos. Fine condition. Common. Dust Jacket. \$20.00

History of Radio

141. MACLAURIN, W. RUPERT; Invention And Innovation In The Radio Industry . 1st edition, 1949. This book deals in part with the inventions of some of the pioneer scientists and engineers. Included is material covering the history of radio and television companies and the patents which affected their growth or demise. It is an excellent reference work, referred to by many writers. Includes a chipped dust jacket. 304 pages. Very Good condition. Scarce. Dust Jacket. \$55.00

142. MADDEN, GEORGE S. AND FRIEDERSDORF, BURK; From Crystal to Color: WFBM . 1st edition, 1964. The intimate, behind-the-scenes story of the Indianapolis Radio-TV station WFBM. One of the pioneers in broadcasting, this book covers the intense period of development in communication from 1924-1964. Contains many early photos of the station and related equipment. 190 pages. 67 photos. Fine condition. Uncommon. \$20.00

143. MITCHELL, CURTIS; Cavalcade Of Broadcasting . 1st edition, 1970. A pictorial history of radio and television, their growth and expansion. Included are scientists, stars, and pioneers of communication. Contains over 150 early radio and TV related photos, and is covered with a nicely illustrated dust jacket. From the Broadcast Pioneers Library. 256 pages. Very Good condition. Uncommon. \$20.00

144. MORITA, AKIO AND REINGOLD, EDWIN M.; Made In Japan: Akio Morita and Sony . 1st edition, 1986. The story of the man who had the vision to begin a new company just after the war and the growth of that company, into what was to become Sony. An excellent account of an amazing enterprise. 309 pages. 16 photos. Fine condition. Uncommon. Dust Jacket. \$15.00

145. O'DEA, W.T.; Radio Communication: History and Development . 2nd edition, 1949. An original edition of the famous 1934 handbook detailing the rare communications exhibits in the London Science Museum. Interspersed with fine photographs of early wireless equipment. A must for every radio historian and wireless collector's bookshelf, this is in perfect condition! From Hertz's Oscillators to Branly's Coherer it's all here! 95 pages. 58 photos. Fine condition. Rare. Softcover. \$115.00

146. POCOCK, R.F. AND GARRATT, G.R.M.; The Origins of Maritime Radiography in the Royal Navy between 1896 and 1900. Shows much of the very experimental wireless apparatus and the wants and needs of the Royal Navy. Includes a list of ships of the R.N. scheduled to receive wireless apparatus. This book was created as a result of the discovery of lost files. 60 pages. 14 photos. Very Good condition. Scarce. Softcover. \$85.00

147. QUINBY, CDR. E.J.; Ida Was A Tramp . 1st edition, 1975. The true historic adventures of a young wireless operator on the high seas and in faraway lands. Profusely illustrated with many photos. In addition to being a wirelessman, he worked for RCA in research and development. Includes a nicely illustrated dust jacket. 275 pages. 96 photos. Fine condition. Uncommon. \$35.00

History of Radio

148. READE, LESLIE; **Marconi and the Discovery of Wireless** . 1st edition, 1963. This seldom seen book is a lively and well informed biography which highlights Marconi's scientific achievements. Includes an interesting account of the early wireless operators and their duties. 166 pages. Fine condition. Scarce. Dust Jacket. \$30.00

149. REID, T.R.; **The Chip: How Two Americans Invented the Microchip & Launched A Revolution** . 1st edition, 1984. An enthralling chronicle of how Jack Kilby and Robert Noyce hit upon a new idea which changed our daily life, and spawned a multibillion- dollar global industry, launching the "Second Industrial Revolution". This book explains the evolution of micro-electronics, from the Edison effect bulb to the microprocessor. Includes many bibliographic notes. 243 pages. 16 photos. Very Good condition. Scarce. Dust Jacket. \$45.00

150. SHIERS, GEORGE (EDITOR); **The Development of Wireless To 1920** . 1st edition, 1977. Here is a panoramic view of the rise and progress of wireless telegraphy from the late 19th century to 1920. The story is told in the form of an anthology of rare and important papers and describes long-forgotten apparatus, historical ideas and inventions. This collection was published by Arno Press and contains many references. 625 pages. 127 illus. Very Good condition. Scarce. \$115.00

151. SINCLAIR, DONALD B.; **The General Radio Company 1915 - 1965** . 1st edition, 1965. Written for the 50th anniversary of the company, this history shows the development of Clapp-Eastham into General Radio, citing all the major inventions and discoveries. 32 pages. 10 photos. Very Good condition. Scarce. Softcover. \$30.00

152. THE MARCONIPHONE COMPANY, LIMITED; **The Marconi Book of Wireless** . 1st edition, 1936. This fascinating history of the Marconi Co. and biography of G. Marconi was written by the company while Marconi was still alive. Containing an in-depth history of the early years and many rare photos, it has a gold embossed profile of Marconi on the front cover. 223 pages. 56 photos. 14 illus. Very Good condition. Scarce. \$65.00

153. TOWERS, WALTER KELLOGG; **From Beacon Fire to Radio (Masters of Space)** . 2nd edition, 1924. A seldom seen work on the story of talking at a distance, either by wire or through space. It includes the biographies of Morse, Lord Kelvin, Graham Bell, Marconi, and J.J. Carty. From the Roosevelt Library, in a library binding. 301 pages. 16 illus. Good condition. Rare. \$35.00

154. VARIOUS; **The AWA Review - Volume 1 1986** . 1st edition, 1986. This is the first review published by the AWA, and it set a standard for the following issues to come. Volume 1 included articles on Nikola Tesla, Philo Farnsworth, WWI radio amateurs, history of the National Co., and an extensive history of the Atwater Kent radio Co. complete with 20 photos of breadboards etc. Others Available- Inquire 123 pages. Very Good condition. Scarce. Softcover. \$45.00

History of Radio

155. **WHITE, LLEWELLYN; The American Radio** . 1st edition, 1947. A report on the broadcasting industry in the United States from the Commission on Freedom of the Press. Radio is studied as a form of mass communication documenting its effects on the general public. A short history of RCA is included. From The Broadcast Pioneers Library. 260 pages. Very Good condition. Uncommon. Dust Jacket. \$25.00

156. **ZENITH ELECTRONICS CO.; The Zenith Story: A History From 1918 to 1954** . 2nd edition, 1980. This is a reprint of the original book, first published in 1955. It chronicles the early history of the Zenith Company and puts the importance that Zenith played in the development of radio in perspective. There are 64 photos showing the radios that Zenith produced during this time. 29 pages. Very Good condition. Uncommon. Softcover. \$10.00

LIGHT BULBS

157. **(EDISON JUBILEE CELEBRATION); To Thomas Alva Edison** . 1st edition, 1929. This is the book describing the occasion of the dinner at Greenfield, Michigan, October 21, 1929 celebrating the Golden Jubilee of the invention of the incandescent Electric Light. Nicely bound in blue leather, it includes the addresses, messages from dignitaries, and a list of guests. This is the first copy we've had for sale! 40 pages. 8 photos. Very Good condition. Rare. \$75.00

158. **FLOY, HENRY; The Colorado Springs Lighting Controversy** . 1st edition, 1908. This is a report of possibly the first time a major electric company was forced to provide compensation for substituting an arc lamp of 20% less power than called for in the contract. The court case is stated in its entirety, bringing to light many little known facts about the lighting industry. A most interesting volume! 327 pages. 26 illus. Very Good condition. Rare. \$35.00

159. **HAMMOND, ROBERT; The Electric Light In Our Homes** . 1st edition, 1884. Contains a nice history and development of the electric light. The Arc and incandescent lights are compared, and describes the dangers and effects caused by this new sensation. Dynamos and the different types of distribution are discussed. A rarely seen title, there is a bit of soiling on the cover and a few pages. 205 pages. 64 illus. Good + condition. Very Rare. \$165.00

160. **HOWELL, JOHN W. AND SCHROEDER, HENRY; The History of the Incandescent Lamp** . 1st edition, 1927. The first full-length book written on the history of the incandescent lamp. Profusely illustrated, this book covers the development of the dynamo from 1831, as well as the incandescent lamp back to 1820. Many rare lamps from 1879 - 1901 are shown. 208 pages. 98 photos. 25 illus. Very Good condition. Scarce. \$45.00

161. **KEATING, PAUL W.; Lamps For A brighter America** . 1st edition, 1954. A history of the General Electric lamp business. It contains an excellent early look into the invention and development of the incandescent lamp, and the vast industry that was spawned by it. A very informative book. 246 pages. Very Good condition. Uncommon. \$30.00

Light Bulbs

162. LANE-FOX, SIR GEORGE; *On The Future of Electric Lighting* . 1st edition, 1882. This is an interesting discussion on the art of electric lighting, written by one who was important in the development of the lighting system. Nicely bound in 1/2 red leather binding, from The Patent Office Library. 16 pages. Good + condition. Very Rare. \$155.00

163. PERCIVAL, G.A.; *The Electric Lamp Industry* . 1st edition, 1920. This book looks at the construction and assembly of the incandescent lamp as well as the historical development. The machinery used in the factories is detailed, including the glass manipulation and preparation of the filament; testing apparatus. The Arc lamp and vapor lamps are also covered. 112 pages. 26 illus. Very Good condition. Rare. \$65.00

164. POULTIER, J.D.; *An Early History of Electrical Supply* . 1st edition, 1986. This book is designated "IEE History of Technology Series # 5". It is the most in-depth English study of the development of the Victorian electric lighting system, from dynamo to incandescent lamp. Includes a nicely illustrated dust jacket. 212 pages. 37 illus. Fine condition. Scarce. \$65.00

165. SAWYER, WILLIAM E.; *Electric Lighting By Incandescence* . 4th edition, 1887. A classical book on the incandescent lamp, written in its infancy. The state of the art in lighting in its time, it was written by one of the early pioneers in electric light. Many illustrations of early lighting apparatus and bulbs, include examples of Edison, Maxim, Sawyer-Man, Farmer and Fonaine. 189 pages. 96 illus. Good + condition. Very Rare. \$235.00

166. SPRAGUE, JOHN T.; *Electric Lighting: It's State and Progress* . 1st edition, 1878. There are 2 Very Early Works bound in the same volume, the other title is: *Practical Electric Lighting By Killingworth Hedges*; 1879; 55 pages 1st edition. Both these books were bound in the same 1/2 leather binding by the U.S. Patent Office for their library. Arc lighting is chiefly covered, as well as it's influence upon the gas companies. 22 pages. Good + condition. Extremely Rare. \$225.00

MEDICAL ELECTRICITY

167. ERB, DR. WILHELM; *Handbook Of Electro-Therapeutics* . 1st edition, 1883. A knowledgeable account of the role electricity plays in the treatment of various human diseases. Almost half the book is dedicated to special electro-therapeutics, singling out some rare maladies, and their causes and treatments by electricity. 366 pages. 39 illus. Very Good condition. Rare. \$95.00

168. HOUSTON, EDWIN J. AND KENNELLY, A.E.; *Electricity In Electro-Therapeutics* . 2nd edition, 1903. A rarely seen title on medical electricity written by well known authors. Contains many drawings and half tones of early apparatus including X-Ray tubes, static machines and induction coils. About 50 pages are dedicated to the X-Ray. 452 pages. 147 illus. Good + condition. Rare. \$145.00

MOTORS/DYNAMOS

169. (STOCK CERTIFICATE); Brush Electric Light & Power Company . 1st edition, 1885. A rarely seen stock certificate of one of the earliest manufacturers of Arc lamps and electrical apparatus for the lighting industry. This is an unissued stock, with a date of 188-. The engraved vignette is spectacular, showing the Brush plant complex in Cleveland, depicting the buildings with great detail. 1 pages. Fine condition. Very Rare. \$85.00

170. CROCKER, FRANCIS B. AND WHEELER, SCHUYLER S.; Practical Management of Dynamos and Motors . 5th edition, 1901. An excellent volume describing the principles and installation of dynamos and motors, including a section on the localization and remedy of troubles. Much early equipment is shown. 206 pages. 99 illus. Good + condition. Scarce. \$35.00

171. GENERAL ELECTRIC CO.; General Data On Thomson Watthour Meters . 2nd edition, 1912. This volume is filled with many illustrations of early watthour meters designed by Elihu Thomson. Shown also are hookup diagrams for the various types of meters. A very early book on the subject. 381 pages. Very Good condition. Scarce. \$35.00

172. HIGGS, PAGET; Electric Transmission of Power . 1st edition, 1879. One of the first books written on the dynamo-electric machine. Separate chapters are devoted to the Gramme machine, Brush , Wallace- Farmer and Siemens machines. Other chapters include their efficiency, practicability, and other theoretical considerations. This is the first copy we've ever seen! 87 pages. 21 illus. Very Good condition. Very Rare. \$125.00

173. PARSONS, R. H.; Early Days Of The Power Station Industry . 1st edition, 1939. Covering the period before 1900, this book describes the birth of the electrical supply companies. Primarily for arc and incandescent lighting purposes, these small companies grew into the giants that supply the world today. The covers are dampstained along the outside edges, as well as the endpapers. A very hard-to-find title! 217 pages. 24 photos. Good condition. Rare. \$45.00

174. RIDDING, ARTHUR; S. Z. deFerranti- Pioneer of Electric Power . 1st edition, 1975. A British Science Museum publication issued to commemorate the centenary of the birth of Ferranti. The main events of his life along with his principal inventions are described and pictured in this pertinent account. 32 pages. 21 illus. Very Good condition. Uncommon. Softcover. \$15.00

175. TREVERT, EDWARD; Dynamos And Electric Motors . 2nd edition, 1904. Different types of dynamos and motors are discussed and illustrated, as well as construction and efficiency. Contains many drawings of early machines, and even discusses building your own! 96 pages. Very Good condition. Scarce. \$20.00

MOTION PICTURES

Motion Pictures

176. (TRADE CATALOG); U-T-E Motion Picture Equipment . 1st edition, 1925. Wow!!! That's how I describe this incredible catalog! There is no date of publication, but judging from the cars & electrical apparatus, 1925 is close. Contains Motion picture cameras, Theater fronts & canopies (!!!), signs, fountains, ticket booths, photo display frames, stage scenery, projectors, curtains, etc.. The spine is slightly chipped. 180 pages. 999 illus. Good + condition. Very Rare. Softcover. \$245.00

177. TALBOT, FREDERICK A.; Practical Cinematography and It's Applications . 1st edition, 1913. An early treatise on the art of moving pictures. The principles and applications of the new art are covered in detail, including the camera & its mechanism, film developing, X-ray and micro-photography, photo-plays, stage productions and the military value of the cinematograph. 1st copy we've seen! 262 pages. 90 illus. Good + condition. Rare. \$35.00

178. THE AMERICAN SOCIETY OF CINEMATOGRAPHERS INC.; Cinematographic Annual 1930 . 1st edition, 1930. This is issue #1, of what was to become the most valuable publication pertaining to motion pictures. There were only 87 members in the Society Of Cinematographers in 1930, so I suspect very few were printed. The evolution of the camera & film are covered, & includes 100's of photos! The covers are nice, but the spine has been rebacked. 606 pages. Very Good condition. Very Rare. \$115.00

MISCELLANEOUS

179. (A.C. GILBERT COMPANY) LYNDE, CARTELON J.; Glass Blowing . 1st edition, 1920. A wonderful little book that teaches the rudiments of glass blowing. It includes many illustrations showing blowing, bending, cutting and joining of glass. There are even magic tricks that can be performed with the finished projects. The cover is silver with a nice illus. of boys blowing glass. The date is approx., as there is none stated. 62 pages. 105 illus. Very Good condition. Rare. Softcover. \$35.00

180. (TRADE CATALOG); The 1906 Bing Toy Catalog . 1st edition, 1906. This is a very high quality reprint of the only known copy of the famous 1906 Bing Toy Catalog, published in 1991 by New Cavendish Books. All kinds of wonderful mechanical, optical and electrical toys are portrayed, such as trains, boats, steam engines, induction coils, Crookes & Geissler tubes, telegraph & even coherer receivers. Super!! 444 pages. 999 illus. Fine condition. Scarce. \$75.00

181. (TRADE CATALOG); Fisher Scientific Company . 1st edition, 1978. This is a HUGE catalog containing vacuum pumps, microscopes, balances, chart recorders, medical testing, gas analysis, and everything else under the sun! In very nice condition, with a glossy cover. 1704 pages. Very Good condition. Uncommon. \$30.00

182. CURTIS, FRANK W.; High Frequency Induction Heating . 2nd edition, 1944. This popular treatise covers the design and construction of all kinds of high frequency apparatus for use in induction heating. It discusses the use of heating coils and fixtures in hardening and joining operations. 235 pages. 249 illus. Very Good condition. Scarce. \$15.00

Miscellaneous

183. HAWLEY, GESSNER G.; Seeing The Invisible - The Story Of The Electron Microscope . 1st edition, 1946. A well illustrated history of the electron microscope's development. Written for the enjoyment of the layman, without placing great emphasis on the technical aspects. A number of fine photos are included. The work of V. Zworykin in this field is included. Ex-library. 205 pages. 71 illus. Very Good condition. Scarce. \$25.00

184. KAHN, DAVID; The Codebreakers . 1st edition, 1967. The first and most comprehensive history of secret communication from ancient times to the threshold of outer space. Described are the events which molded modern cryptology, methods used to break cyphers, and especially many fascinating stories about the code breakers in action. Includes an extensive reference & bibliography section. 1164 pages. 35 photos. 160 illus. Very Good condition. Scarce. Dust Jacket. \$65.00

185. PRATT, FLETCHER; Secret and Urgent: The Story of Codes and Ciphers . 1st edition, 1942. An accurate history of the art of secret messages; how they are written and how they are decoded. This book is packed with facts and fantasies of cryptography which since ancient days has played a important part in the history of the world. It includes an appendix of tables on the frequencies of letters, bigrams and trigrams. 282 pages. Very Good condition. Scarce. Dust Jacket. \$25.00

186. SOMMERHOFF, G.; Radio Control of Model Aircraft . 1st edition, 1954. This must be the first book-length study on the subject of Radio-Controlled model airplanes! It serves as an introduction for the aeromodeler who has little previous knowledge of radio and as a stimulus for more advanced experimental work. 164 pages. 127 illus. Very Good condition. Scarce. \$20.00

187. SUTHEIM, GEORGE M.; Introduction To Emulsions . 1st edition, 1946. Here's a book that everyone should have on their shelf- a book about the mixture of "immiscible liquids"! This book tells all about it and the chemistry involved, describing in detail the formation, properties and the applications. 260 pages. 22 illus. Very Good condition. Scarce. \$10.00

188. WARAN, H.P.; Elements Of Glass-Blowing . 1st edition, 1923. A concise and connected account of the systematic methods to be followed for success in glass-blowing. Chapters include cutting & bending of tubes, joining tubes, blowing bulbs, enclosed work, spinning glass and commercial methods for laboratory glassware. 116 pages. 40 illus. Very Good condition. Scarce. \$35.00

189. YARWOOD, J.; High Vacuum Technique . 2nd edition, 1945. In clear and concise form this book presents the theory, practice and industrial applications of high vacuum techniques. It describes the production and measurement of high vacua, explaining the physical basis of the methods developed. A detailed 7 page bibliography is included. From The Oak Ridge Library. 140 pages. 90 illus. Good + condition. Scarce. \$30.00

PHONOGRAPH

190. GELATT, ROLAND; **The Fabulous Phonograph; From Tin Foil to High Fidelity** . 1st edition, 1955. An excellent history of the phonograph, including fine descriptions of the many different styles. The history provides an insight into how the original ideas led to the development of the electrically operated phonograph. An extensive chronology accompanies the numerous photos. A landmark book on the subject. Includes a nice illustrated dust jacket. 320 pages. 32 photos. Very Good condition. Scarce.

\$50.00

POST 1930 RADIO

191. BOLTZ, C.L.; **Everyman's Wireless** . 1st edition, 1932. If anyone is interested in learning wireless theory as well as the basic math involved from the ground up, this is the book for you. It is a thorough study, covering all aspects of the science. 335 pages. 209 illus. Good + condition. Uncommon.

\$15.00

192. CAMM, F.J.; **Newnes Everyman's Wireless Book** . 1st edition, 1934. A well known book, consulted by the listener, expert and amateur constructor. It explains the operation, upkeep and overhaul of all types of wireless receivers, with special chapters on the principles of radio telephony, installation, and systematic fault-finding. 288 pages. 243 illus. Good + condition. Scarce.

\$15.00

193. DOWSETT, H. M.; **Handbook Of Technical Instruction For Wireless Telegraphists** . 5th edition, 1934. A complete textbook providing theory, and practical information on all types of transmitters and receivers. Profusely illustrated, this volume covers many specific receivers; RDF equipment, microphones and transmitters containing unusual Marconi Co. and Siemens Co. sets. Includes a nice dust jacket. 570 pages. 525 illus. Very Good condition. Scarce.

\$45.00

194. E.H. SCOTT; **The Scott Short Wave Manual** . 1st edition, 1933. This booklet was written for the owner of a Scott All-Wave receiver, and provides info on how to get good results on short waves. It also describes how to write for verification from the stations you heard, as well as a list of stations, map and log. It's in a 8 1/2" x 11" format, and it's the first one I've seen! Nice! 16 pages. Very Good condition. Rare. Softcover.

\$40.00

195. E.H. SCOTT RADIO LABORATORIES INC.; **Scott Allwave Deluxe** . 1st edition, 1932. This a collection of original sales literature for the Scott Allwave Deluxe receiver. It consists of an 11 page brochure with some fine full page half-tones of the chassis, a 3-page letter signed by Scott (Maybe), a 1 page letter signed by Scott (Probably) on a nice letterhead, and 9 other brochures & envelopes. Very Nice! 35 pages. Very Good condition. Rare.

\$45.00

Post 1930 Radio

196. GERNNSBACK, HUGO; Gernsback's Educational Library No.'s 1, 2, 3, 4, 5, 8, 9 . 1st edition, 1938. A fine set of 7 of Gernsback's booklets on radio, covering short wave sets, 1 and 2 tube receivers, radio for beginners, and a booklet dedicated to electrical experiments. The covers are all highly descriptive, picturing men working with radio sets or related topics. The text is chock full of illustrations and diagrams, a very nice set. 240 pages. Very Good condition. Scarce. Softcover. \$45.00

197. GHIRARDI, ALFRED A.; Radio Physics Course . 2nd edition, 1937. This profusely illustrated book is the most complete work on the subject of radio that had been printed up to that time. Television and short wave are covered in this edition. Includes a nice dust jacket, with some tape along the borders. 972 pages. 508 illus. Very Good condition. Uncommon. \$15.00

198. GOVERNMENT PRINTING OFFICE; Third Annual Report of The Federal Communications Commission . 1st edition, 1937. This copy was presented to Homer T. Bone, and is presented in four parts. Part I covers the historical background of regulation and publications. Part II deals with the Broadcast industry and technical developments in the art. Part III deals with the telegraph industry & its technical developments. Part IV deals with radio-telephony. 183 pages. Very Good condition. Rare. \$35.00

199. KEEN, R.; Wireless Direction Finding . 4th edition, 1947. A most complete early work on Radio Direction Finding. Contains 633 interesting diagrams and photos. An excellent 36-page bibliography lists 4,721 entries from Hertz's Electric Waves in 1893, continuing year by year to 1947. One of the best books on the subject. 1059 pages. Very Good condition. Scarce. \$35.00

200. MANLY, HAROLD P. AND GORDER, L.O.; Drake's Cyclopedia of Radio and Electronics . 13th edition, 1950. This is a practical reference work on television, shortwave, radio transmission and reception, sound pictures, & public address systems. Profusely illustrated, this book covers everything! 703 pages. 521 illus. Very Good condition. Uncommon. \$10.00

201. MORGAN, ALFRED; The First Radio Book For Boys . 1st edition, 1941. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations help to make it a simple process to build your own radio receiver, a thorough explanation is given of the principles by which they operate. A very difficult title to find, though it is ex-library. 192 pages. 119 illus. Good + condition. Scarce. \$100.00

202. RCA LABORATORY; Frequency Modulation . 1st edition, 1948. This is the 7th volume in the RCA Technical Series, and the first on the subject of FM. The period covered is from 1936-1947. 4 sections comprise general characteristics, transmission, reception and miscellaneous FM information. An extensive bibliography is featured in the appendix. 514 pages. 362 illus. Fine condition. Scarce. \$35.00

Post 1930 Radio

203. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1937** . 1st edition, 1938. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even amateur receivers. A nice volume for the serviceman's bookshelf. 384 pages. Very Good condition. Scarce. \$30.00

204. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1931 - 1932** . 1st edition, 1932. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even automobile receivers. A nice volume for the serviceman's bookshelf. 329 pages. Good + condition. Scarce. \$30.00

205. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1936** . 1st edition, 1937. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even amateur receivers. A nice volume for the serviceman's bookshelf. 494 pages. Very Good condition. Scarce. \$35.00

206. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1933** . 1st edition, 1933. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even short wave converters. A nice volume for the serviceman's bookshelf. 329 pages. Good + condition. Scarce. \$30.00

207. **RIDER, JOHN F.; Servicing Receivers By Means of Resistance Measurement** . 1st edition, 1932. This book is intended to give the service technician a different type of service analysis to perform on radio receivers. It uses resistance measurement as the primary test in the various circuits found in early AC radios. 203 pages. 94 illus. Very Good condition. Uncommon. \$15.00

PHYSICS

208. **DOLBEAR, A.E.; Modes Of Motion** . 1st edition, 1897. The subtitle is Mechanical Conceptions Of Physical Phenomena. Topics discussed include the ether, induction, electro-magnetic waves and magnetism. The cover is embossed in gold with an illustration of a coal pile connected to a steam engine, dynamo, and arc lamp. Some wear to the covers. 119 pages. 16 illus. Very Good condition. Rare. \$60.00

209. **FARADAY, MICHAEL; Chemical Manipulation** . 1st edition, 1831. Originally published in London in 1827, this is the first American edition of Faraday's first book. It provided a detailed guide to laboratory procedure and greatly influenced many other experimenters. A classic work in science which is rarely seen. The leather covers are very worn, and the pages are badly foxed and yellowed, but not brittle 689 pages. Poor condition. Very Rare. \$95.00

210. **GUTHRIE, A. AND WAKERLING, R.K.; Vacuum Equipment and Techniques** . 1st edition, 1949. This McGraw -Hill text is one of a series prepared as a record of research for The Manhattan Project. This volume is primarily a compilation of observations made in the development of high vacuum equipment for use in electromagnetic separation plant. 264 pages. 132 illus. Very Good condition. Rare. \$55.00

RADAR

211. BOULDING, R.S.H.; **The Resonant Cavity Magnetron** . 1st edition, 1952. This is the first book dedicated to the history and principles and applications of the magnetron radar tube. Everything about the magnetron is presented here, including some great exploded view photos of the components. 147 pages. 80 illus. Very Good condition. Rare. \$45.00

212. DUNLAP, ORRIN E.; **Radar... What Radar is And How It Works** . 2nd edition, 1948. The author traces the history of radar from Hertz's wave experiments to push-button warfare. He then looks ahead to its promising future and peacetime applications. Contains a comprehensive 11 page bibliography on books, articles and patents dating from 1893. The front cover is stained along the spine edge. 268 pages. Good + condition. Uncommon. \$25.00

213. FINK, DONALD G.; **Radar Engineering** . 1st edition, 1947. This book covers the theory and practice of radar technology describing various radar systems developed and used during the World War II. It also explains in technical detail the design of specific apparatus used in radar equipment. 644 pages. 471 illus. Good + condition. Uncommon. \$45.00

214. FISHER, DAVID E.; **A Race On the Edge Of Time: Radar- The Decisive Weapon Of World War II** . 1st edition, 1988. This book examines the development of radar and shows how it has influenced the course of human developments. It is based on painstaking research into the scientific and political origins of radar. The work of Watson-Watt, Dowding and other pioneers is covered in-depth. Includes an extensive bibliography and nicely illustrated D/J 371 pages. Fine condition. Uncommon. \$35.00

215. PENROSE, H.E. AND BOULDING, R.S.H.; **Principles and Practice Of Radar** . 5th edition, 1955. A straightforward account of the fundamental principles of radar, perfected by the efforts of scientists in WWII. Possibly the most complete work in the field for its day, a wealth of information, indispensable to radar engineers. Includes an illustrated dust jacket that is slightly chipped. 795 pages. 569 illus. Very Good condition. Scarce. \$45.00

SOUND/AUDIO

216. (M.B. SLEEPER) HEATH COMPANY; **The How and Why of High Fidelity** . 1st edition, 1957. A wonderful book for the collector of Heath audio equipment! This book presents the fundamental guiding principles for a person looking for Hi-Fi gear back in the mid 50's. It depicts the various amplifiers, tuners, speakers and test equipment that was available in Heathkit's early years. 47 pages. 44 illus. Very Good condition. Rare. Softcover. \$20.00

217. BEGUN, S.J.; **Magnetic Recording** . 1st edition, 1953. A thorough engineering treatment of what was known then of magnetic recording- the theory, various types and makes of recorders, their applications, and performance measurements. The first comprehensive book on magnetic recording, it includes an excellent history on the subject, as well as an extensive bibliography. This is the 4th prntng. 242 pages. 142 illus. Very Good condition. Scarce. Dust Jacket. \$30.00

Sound/Audio

218. BERANEK, LEO L.; **Acoustics** . 1st edition, 1954. This famous volume provides a concise treatment of the subject with emphasis on loudspeakers & enclosures, horns, microphones, circuits and the theoretical background involved. A fine copy with almost no wear. 481 pages. 326 illus. Fine condition. Scarce. \$55.00

219. BERANEK, LEO L.; **Acoustic Measurements** . 1st edition, 1956. A clear and concise exposition of acoustic measuring techniques. Topics range from the calibration of microphones and loudspeakers, to evaluation of overall audio systems, with chapters on the audiometer and sound level meter. This book presents material of prime importance to all associated with the field of acoustics. 914 pages. 213 illus. Very Good condition. Scarce. \$55.00

220. BRIGGS, G.A.; **Loudspeakers** . 4th edition, 1956. An excellent reference book containing the problems of design and performance of loudspeakers and enclosures. Separate chapters are devoted to the development of loudspeakers and loudspeaker life and efficiency. 92 pages. 36 illus. Very Good condition. Uncommon. Softcover. \$20.00

221. BRIGGS, G.A.; **A to Z in Audio** . 1st edition, 1961. An excellent audio reference book containing all the definitions used in audio at the time and illustrated with speakers, microphones, pickups, records, tape recorders, and even early transistors. In beautiful condition, with the original glassine dust wrapper. 224 pages. 160 illus. Very Good condition. Uncommon. Dust Jacket. \$35.00

222. BRIGGS, G.A.; **Sound Reproduction** . 3rd edition, 1953. Another Briggs' classic encompassing all aspects of recording and reproducing sound in a non-technical language, and enlivened with touches of humor. Profusely illustrated with many photos of vintage sound equipment such as tape recorders, turntables and speakers. Includes a chipped dust jacket. 368 pages. 193 illus. Very Good condition. Uncommon. \$35.00

223. BRIGGS, G.A.; **Stereo Handbook** . 1st edition, 1959. One of the first books describing stereo in depth. Covered are amplifiers, loudspeakers, tapes, records, pickups, tone arms, and turntables. Contains many photos and illustrations of early stereo equipment. Includes a nice dust jacket. 146 pages. 88 illus. Very Good condition. Uncommon. \$35.00

224. BROWN, ROBERT AND OLSEN, MARK; **Experimenting With Electronic Music** . 1st edition, 1974. This book provides some of the basics, circuits and methods available to the electronic music enthusiast. The history of electronic music is discussed, as well as the principles behind the generation of synthesized music. Includes many photos of early synths and associated gear, along with construction projects of theremins, oscillators, etc.. 180 pages. 127 illus. Very Good condition. Scarce. Softcover. \$35.00

Sound/Audio

225. CANBY, EDWARD TATNALL; **High Fidelity and The Music Lover** . 2nd edition, 1958. The author discusses in detail all the components of HI-FI systems; including speakers, amplifiers, tape recorders and the new sensation of the day, stereo. He evaluates them in terms of expense and quality of sound appreciation. 302 pages. Very Good condition. Uncommon. Dust Jacket. \$15.00

226. CROWHURST, NORMAN H.; **Stereophonic Sound** . 1st edition, 1957. One of the first true assessments of the new medium- stereo. Written by the world famous audio authority, Stormin Norman. This book is devoted to the theory of stereophonic sound and covers such areas as binaural listening, recording procedure, loudspeaker systems and placement. A few pages have underlining in fine red pen. 128 pages. 61 illus. Very Good condition. Scarce. Softcover. \$25.00

227. DOUGLAS, ALAN; **Electronic Music Production** . 1st edition, 1974. This is an early book on the synthesizer, covering many of the first machines used to produce electronic music. The RCA Mark II, a room-size monster is illustrated, along with it's perforator, just like a player piano! Includes a bibliography of early references. 148 pages. 77 illus. Very Good condition. Rare. Softcover. \$25.00

228. GENERAL ELECTRIC CO.; **Audio Service Guide Volume 1 1958 - 1964** . 1st edition, 1965. This publication contains technical information on all General Electric phonographs, portable and console models, manufactured from 1958 through 1964 inclusive. It includes model specs, circuit diagrams, component board layouts, parts lists and exploded views. 295 pages. Good + condition. Scarce. Softcover. \$15.00

229. GERNSBACK LIBRARY; **Amplifier Builder's Guide** . 1st edition, 1947. Prepared by the editors of Radio Electronics, this book includes the theory and applications of power amplifiers as well as construction details for a number of different amps. 64 pages. 55 illus. Very Good condition. Uncommon. Softcover. \$35.00

230. HELMHOLTZ, HERMANN L.F.; **The Sensations of Tone** . 2nd edition, 1954. This is a nice copy of Helmholtz's great work on the theory of tone as applied to music. Included is an excellent history of musical pitch, non-harmonic scales, and the quality of musical tones. This is an unabridged copy of the second English edition of 1877. Includes an nice dust jacket. 608 pages. 70 illus. Very Good condition. Scarce. \$35.00

231. HOEFLER, DONALD CARL; **Basic Audio Course** . 1st edition, 1955. This classic book covers fundamental audio concepts, including microphones, equalizers, amplifiers, speakers, enclosures and sound recording. This is the perfect book for anybody into serious audio work. 223 pages. 195 illus. Fine condition. Scarce. \$25.00

Sound/Audio

232. HOWARD W. SAMS; **Audio Amplifiers and Associated Equipment AA-4** .
1st edition, 1953. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Included are many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for all 4 volumes. 285 pages. Good + condition. Scarce. Softcover. \$65.00

233. HOWARD W. SAMS; **Audio Amplifiers and Associated Equipment AA-5** .
1st edition, 1954. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Includes many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio library, w/ index for all 5 volumes. 285 pages. Very Good condition. Scarce. Softcover. \$65.00

234. HOWARD W. SAMS; **Audio Amplifiers and Associated Equipment AA-2** .
1st edition, 1950. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Included are many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for volume 1 and 2. 285 pages. Very Good condition. Scarce. Softcover. \$65.00

235. HOWARD W. SAMS; **Audio Amplifiers and Associated Equipment AA-3** .
1st edition, 1951. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Included are many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio reference library, with an index for all 3 volumes. 285 pages. Very Good condition. Scarce. Softcover. \$65.00

236. HOWARD W. SAMS; **Audio Amplifiers and Associated Equipment AA-8** .
1st edition, 1957. This volume portrays audio amplifiers of every type and description- amplifiers of the finest post-war designs available for custom installations. Includes many photos and illustrations as well as parts lists for various power amplifiers. A great addition to your audio library, w/ index for all 8 volumes. 226 pages. Very Good condition. Scarce. Softcover. \$65.00

237. LANGFORD-SMITH, F.; **Radiotron Designer's Handbook** . 4th edition, 1953. This famous handbook was prepared expressly for the radio set designer but is also an invaluable reference for audio engineers, experimenters and service mechanics. Profusely illustrated, this mammoth edition contains much on audio circuits, feedback, and radio freqency amps, the work of 10 authors and 23 collaborating engineers. A super book!! 1482 pages. 999 illus. Good + condition. Scarce. \$110.00

Sound/Audio

238. MOIR, JAMES; **High Quality Sound Reproduction** . 1st edition, 1958. A comprehensive work for both the audio engineer and the knowledgeable amateur. The entire sound reproducer field is described using personal experiences for each of the subjects. Microphones, power amplifiers, feedback, tone-control circuits, loudspeakers and even stereo are some of the chapters included. 591 pages. 312 illus. Very Good condition. Scarce. Dust Jacket. \$85.00

239. MULLARD APPLICATIONS RESEARCH LABORATORY; **Mullard Circuits For Audio Amplifiers** . 2nd edition, 1966. This book contains complete construction details for various tube audio circuits, including mono & stereo power amplifiers and preamplifiers, and tape & input mixer amps. The Mullard engineers also discuss high-quality amplification and distortion. This is only the 2nd time we've seen this title! 136 pages. 145 illus. Very Good condition. Scarce. Softcover. \$55.00

240. MULLARD VALVE TECHNICAL DEPT.; **Mullard 2 Valve 10 Watt High Quality Amplifier Circuit Manual** . 1st edition, 1965. This book contains details of audio amplifier design and performance, as well as audio tube data and general technical information for Mullard audio tubes, including curves. 1st copy we've seen! 86 pages. 49 illus. Good + condition. Scarce. Softcover. \$30.00

241. NISBETT, ALEC; **The Technique Of The Sound Studio** . 3rd edition, 1974. As studio manager for the BBC, the author explores such areas as microphone techniques, sound quality & volume, recording, editing, mixing and sound effects. Portrays many illustrations throughout the text. Includes a torn dust jacket. 559 pages. Very Good condition. Uncommon. \$25.00

242. OLSON, HARRY F.; **Modern Sound Reproduction** . 1st edition, 1972. This book is a detailed technical exposition of significant and essential elements, systems, principles, and techniques in modern sound reproduction. Microphones, loudspeakers, amplifiers and recording studios are covered in depth. 335 pages. Fine condition. Uncommon. Dust Jacket. \$45.00

243. RADIO MAGAZINES INC.; **Audio Anthology** . 1st edition, 1950. A compilation of articles from "Audio Engineering" magazine from May, 1947 (the first issue), up to December, 1949. These articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. The spine is worn along the edges. 124 pages. Good + condition. Scarce. \$20.00

244. RADIO MAGAZINES INC.; **The 2nd Audio Anthology** . 1st edition, 1953. A compilation of articles from "Audio Engineering" magazine from January 1950 up to July, 1952. The articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. 124 pages. Good + condition. Scarce. \$25.00

Sound/Audio

245. **RADIO MAGAZINES INC.; The 3rd Audio Anthology** . 1st edition, 1955. A compilation of the best articles from "Audio" magazine from August 1952, up to June 1955. These articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. 124 pages. Very Good condition. Scarce. \$25.00

246. **RADIO MAGAZINES INC.; The Audio Anthology Number 5** . 1st edition, 1960. A compilation of the best articles from "Audio" magazine from January 1958 up to December 1959. These articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. This is a near-perfect copy. 144 pages. Very Good condition. Scarce. \$25.00

247. **RADIO MAGAZINES INC.; The Audio Anthology Number 6** . 1st edition, 1962. A compilation of the best articles from "Audio" magazine from January 1960 up to December 1961. These articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. 144 pages. Very Good condition. Scarce. \$25.00

248. **RADIO MAGAZINES INC.; The Audio Anthology Number 7** . 1st edition, 1964. A compilation of the best articles from "Audio" Magazine from January 1962 up to December 1963. These articles proved to be most popular with the readers and included plans for building power amplifiers, speaker systems & designs, and tone control amplifiers. 144 pages. Very Good condition. Scarce. \$25.00

249. **ROBERTSON, A.E.; Microphones** . 2nd edition, 1963. A BBC Engineering Training Manual, intended for use by the men who employed microphones in their field. The most in-depth study on commercial microphones published up to its time. Directional, Bi-directional and uni-directional microphones are studied, as well as noise & how to neutralize it. Includes many photos, diagrams & illus.. 357 pages. Very Good condition. Scarce. \$85.00

250. **SCHURE, ALEXANDER; Low-Frequency Amplifiers** . 1st edition, 1959. Published by John F. Rider, this book covers the principles of audio frequency amplification, including fundamental amplifier considerations, voltage amplifiers, single ended and push-pull power amplifiers. The last chapter defines the principles of transistor amplifiers. 79 pages. 38 illus. Very Good condition. Scarce. Softcover. \$20.00

251. **STANDARD TRANSFORMER CORP.; Engineering A Transformer** . 1st edition, 1945. This book was prepared by Stancor with the idea in presenting a more complete insight into the fundamentals and processes of transformer design and manufacture. A thorough study of the transformer from laminations to potting. Includes much info on winding as well as charts, data and formulas for designing Audio, power supply & filters. 88 pages. 67 illus. Very Good condition. Scarce. Softcover. \$30.00

Sound/Audio

252. SUNIER, JOHN; **The Story Of Stereo 1881-** . 1st edition, 1960. This book covers the early developments of stereo, as well as the historical background of film, tape, disc, and broadcasting up to 1959. Contains 407 bibliographical references on the subject. 160 pages. 81 illus. Fine condition. Uncommon. \$35.00

253. TREMAINE, HOWARD M.; **Audio Encyclopedia** . 2nd edition, 1974. Simply put, The most comprehensive and authoritative reference volume on audio ever published, demonstrating thoroughly all phases of the subject. A very nice copy of this hard to find title. 1757 pages. 999 illus. Very Good condition. Scarce. \$115.00 

254. WILLIAMS, EMRYS; **Thermionic Valve Circuits** . 2nd edition, 1947. This book includes the theory of operation and design of vacuum tube circuits. Graphical determination, output stages, L-C circuits and various forms of coupling are just a few of the many subjects covered under the chapters on audio amplifiers. 207 pages. 127 illus. Very Good condition. Scarce. \$25.00

255. WILSON, PERCY; **The Gramophone Handbook** . 1st edition, 1957. A comprehensive handbook on the Hi-fidelity reproduction of sound. It describes the fundamental principles of reproduction and the equipment used to produce realistic results. The performance criteria of pickups, amplifiers, loudspeakers and tape recorders is dealt with in detail. Contains a 42 page catalog of sound equipment at the rear. 227 pages. 16 photos. 40 illus. Very Good condition. Scarce. Dust Jacket. \$35.00

TELEPHONE

256. (AMERICAN TELEPHONE & TELEGRAPH CONFERENCE); **Telephone Switch Boards** . 1st edition, 1887. This is the report of a conference held at The American Telephone And Telegraph Company December 19 - 21, 1887. This early report details everything that was known about switchboards and multiple lines at the time! Their history, Party lines, multiple switchboards, number and cost of calls, repair, etc. are covered. From The IEEE Library. Nice! 255 pages. Good + condition. Very Rare. \$175.00

257. AITKEN, WILLIAM; **Who Invented The Telephone?** . 1st edition, 1939. This intriguing volume examines the question of who deserves the chief credit for the invention of the telephone. The author's object was to review the history of the telephone from an unprejudiced and independent point of view, studying contemporary accounts & documents. A seldom seen volume, this is the second copy we've had! 196 pages. 19 illus. Very Good condition. Rare. \$85.00

258. ALBERT, ARTHUR L.; **Fundamentals of Telephony** . 1st edition, 1943. Using a wealth of excellent sources, the author takes the principles of telephony and makes appropriate applications to the various pieces of apparatus used in complete telephone systems, both manual and automatic. Includes numerous schematics photos and drawings to augment the text. 374 pages. 200 illus. Very Good condition. Scarce. \$20.00

Telephone

259. BELL TELEPHONE LABORATORIES; **A History Of Engineering And Science In The Bell System: Switching Technology** . 1st edition, 1982. Written and edited by Bell laboratory engineers and scientists, this authoritative book discusses the underlying motivations and long term significance of the scientific and technological achievements of the Bell system concerning switching technology during the years 1925 - 1975. This copy looks like new! Has many photos of neat apparatus! 639 pages. 269 photos. 23 illus. Fine condition. Uncommon. Dust Jacket. \$40.00

260. BOETTINGER, H.M.; **The Telephone Book** . 1st edition, 1977. A pictorial history of the telephone in vibrant colors and black & white. This was published as a commemoration of Bell Systems' 100 years in the telephone business. This folio size history book contains more rare photos than I've seen anywhere else; an excellent coffee table volume. Includes a colorful dust jacket. 192 pages. Fine condition. Uncommon. \$35.00

261. BURDEN, E.C. (EDITOR); **Handbook for Telephone Managers and Engineers** . 1st edition, 1946. Published by The Automatic Electric Company, this is designated as Volume No. 1. It served as a convenient source which telephone operating men referred to obtain operating, administrative and technical data for use in their day-to-day operations. This volume covered the design, and construction of the pole line and cable plant. 297 pages. 217 illus. Good + condition. Scarce. \$20.00

262. CASSON, HERBERT N.; **The History Of The Telephone** . 4th edition, 1911. This is a remarkable account of the history of one of our most treasured possessions, the telephone. The invention and its development are well researched throughout the book. 315 pages. 30 photos. Good + condition. Uncommon. \$20.00

263. DANIELIAN, N.R.; **AT&T - A Story Of Industrial Conquest** . 1st edition, 1939. Here is the complete story of the world's biggest business-AT&T. It covers the 1935 telephone investigation by the FCC. This study proved the most comprehensive in the history of this largest worldwide business, relating pertinent information on management, research & regulation to the public. Includes a very nice dust jacket. 460 pages. Very Good condition. Rare. \$65.00

264. DILTS, MARION MAY; **The Telephone In A Changing World** . 1st edition, 1941. An authoritative, well documented volume providing a fascinating history and development of the Bell Telephone System. It contains carefully organized material and information on the changing designs of phone instruments, booths and switchboards, and of early operators and their training. Includes nicely illustrated dust jacket. 219 pages. 29 illus. Fine condition. Scarce. \$25.00

265. HARDER, WARREN J.; **Daniel Drawbaugh - The Edison Of The Cumberland Valley** . 1st edition, 1960. A carefully researched volume, illustrated with one hundred photographs, diagrams and documents, offering an interesting view into the life and career of an almost forgotten individual who we might have called the inventor of the telephone. He fought Bell for eight years and lost the judicial decision by a vote of 4-3! 228 pages. Fine condition. Scarce. Dust Jacket. \$35.00

Telephone

266. HERBERT, T.E. AND PROCTOR, W.S.; **Telephony** . 2nd edition, 1946. A detailed exposition of the telephone system of the British Post Office. Contained in two volumes, this very complete work is designed to provide a self-contained account of the basic principles of manual telephony in vol. 1, and automatic telephony in vol.2, which was printed in 1939. Profusely illustrated with over 1275 illus & drawings 1956 pages. Very Good condition. Scarce. \$65.00

267. HIS MAJESTY'S STATIONARY OFFICE; **Army Telegraphy And Telephony Vol. 1 Instruments** . 1st edition, 1908. This book, printed at the beginning of WWI, describes and shows the various telegraph and telephone apparatus used at the time in the British armed forces. Profusely illustrated with hundreds of diagrams and line drawings of early galvanometers, telegraph & telephone gear. 353 pages. Very Good condition. Rare. \$115.00

268. HOMANS, JAMES E.; **ABC Of The Telephone** . 2nd edition, 1904. A practical and useful treatise for workers in telephony, giving a review of the development of the industry to 1900, and full descriptions of numerous valuable inventions and appliances, together with many illustrations, diagrams and tables. 335 pages. 268 illus. Good + condition. Scarce. \$35.00

269. MILLER, KEMPSTER B.; **American Telephone Practice** . 3rd edition, 1900. This profusely illustrated volume covers the history and principles of all the early telephone receivers and transmitters. Also covered are induction coils, switchboards, overhead and underground cable construction. Surprisingly a very nice copy, as most were well worn. 518 pages. 379 illus. Very Good condition. Scarce. \$65.00

270. SCHIAVO, GIOVANNI; Antonio Meucci: **Inventor of The Telephone** . 1st edition, 1958. The true story of a little known Italian inventor who is said to have predated Bell in his discovery. This rare volume gives a detailed account of the early days in the history of telephony & the companies and personnel involved. A concise bibliography is included as well as the court litigation proceedings. This is the first copy we've seen! 288 pages. 23 illus. Very Good condition. Rare. \$115.00

271. WILLIAMS, J.A.; **Manual of Rural Telephony** . 1st edition, 1902. This seldom seen title details the necessary points in connection with the organization, construction, operation and maintenance of party lines, private lines & rural telephone exchange systems. Contains many illustrations of early phones & neat apparatus. The rear cover and spine are somewhat stained, not affecting the inside. 177 pages. 104 illus. Good + condition. Rare. \$65.00

TELEGRAPHY

272. (TRADE CATALOG); J.H. Bunnell & Co. . 1st edition, 1924. A hard to find edition of catalog #29, this extensive catalog includes lots of nice telegraph apparatus including insulators, keys, sounders, relays and even a number of pages of wireless apparatus including Grebe, DeForest, and other makers. This is a rarely seen hardcover edition, in beautiful condition! 241 pages. Very Good condition. Rare. \$145.00

Telegraphy

273. ABERNETHY, J. P.; **The Modern Service Of Commercial And Railway Telegraphy** . 8th edition, 1898. This treatise was written to give a practical view of both the commercial end of telegraphy and the railway station service. Electricity and the apparatus involved are discussed and shown in this early work on the subject. The cover is nicely embossed with an illustration of an operator at his key & a train with telegraph poles. 424 pages. 29 illus. Very Good condition. Rare. \$110.00

274. AULT, PHIL; **Wires West: The Story Of The Talking Wires** . 1st edition, 1974. This is an exciting account of opening communications across the unpopulated expanses of the American Continent. It is filled with tales of inventions, train robberies, and anecdotes about the old time "brass pounders" who operated the telegraph system in the days of dot & dash. Many historic photos of equipment & stations are shown. 176 pages. Very Good condition. Uncommon. Dust Jacket. \$25.00

275. BRIGHT, CHARLES; **The Story Of The Atlantic Cable** . 1st edition, 1903. An accurate account of the trials and tribulations of Charles T. Bright. Includes many illustrations depicting apparatus and cable, as well as the ships that were used in the endeavor. A history of other submarine cable attempts is also covered. The real story of the Atlantic Cable told by one person who was there. 220 pages. 45 illus. Very Good condition. Rare. \$95.00

276. BRIGHT, EDWARD B. AND BRIGHT, CHARLES; **The Life Story of Sir Charles Tilston Bright** . 2nd edition, 1908. This extensive biography of Charles Bright is essentially a history of submarine telegraphy. Contains many engravings of ships, apparatus and maps. This intense story covers the exploits, inventions, and scientific achievements of a boy, who at age 21, supervised the laying of the first cable to Ireland. A nice copy with some wear on the spine 479 pages. 70 illus. Good + condition. Rare. \$115.00

277. COE, LEWIS; **The Telegraph** . 1st edition, 1993. This is a fresh outlook of the telegraph and it's industry from one who experienced the sound from the resonators himself, one who led lived a telegrapher's life. It covers the history of the Morse's invention, detailing the apparatus as well as the life of the telegraph operator. Includes biographical sketches and a bibliography. 184 pages. 47 photos. Very Good condition. Uncommon. \$45.00

278. CULLEY, R.S.; **A Handbook of Practical Telegraphy** . 8th edition, 1885. This book describes the different telegraph systems in use throughout the world. Includes the Wheatstone system, Stearns', Stroh's, Morse, Hughes, Bain, Siemens and even a chapter on the electric telephone. There are many folding diagrams portraying these different systems. This is the first copy we've had for sale! Cover is stained on edges. 442 pages. 152 illus. Good + condition. Very Rare. \$245.00

Telegraphy

279. DORF, PHILIP; *The Builder: A Biography of Ezra Cornell* . 1st edition, 1952. This is the story of the man who helped Morse with improving his telegraph instruments as well as laying the first line from Baltimore to Washington. It is really a overview of the early history of the various telegraph companies, and the role he played in them. 459 pages. 7 photos. Fine condition. Scarce. Dust Jacket. \$45.00

280. FAHIE, J.J.; *A History of Electric Telegraphy To The Year 1837* . 1st edition, 1884. This is Fahie's famous treatise on telegraphy, the most complete history ever done on the subject. Contains an excellent 6-page bibliography. Original copies are rarely seen, so you must know this is a hard to find Arno Press reprint from 1974! This is a very important title that you're sure to use for years to come. 542 pages. 35 illus. Fine condition. Scarce. \$95.00

281. FIELD, HENRY M.; *History of the Atlantic Telegraph* . 1st edition, 1893. A complete description of the original attempts to span the Atlantic with a telegraph cable & the many failures. Included is the formation of the Atlantic Telegraph Co., the first group to successfully complete the transatlantic cable. This edition tells the story of the expedition of 1866 with a detailed report on the lost cable. 415 pages. Very Good condition. Rare. \$55.00

282. GILBERT, A.C.; *Gilbert Signal Engineering* . 1st edition, 1920. This book, one of a series published by Gilbert in the 1920's explains the origin and transmission of signaling, along with the technical details on how to produce it. Included are thorough instructions on semaphore, light, telegraph, radio-telegraphy, flag signals, field buzzer, heliograph, and mirror signalling. 116 pages. 96 illus. Fine condition. Scarce. \$25.00

283. GREY, ZANE; *Western Union* . 1st edition, 1939. This is the epic tale of the men who constructed the telegraph line through a thousand miles of wilderness. Buffalo stampedes, Indians, prairie fires and even floods were elements of the life of constant peril and excitement presented in this thrilling story. Published by Grosset & Dunlap. 297 pages. Good + condition. Scarce. \$25.00

284. HARLOW, ALVIN F.; *Brassbounders: Young Telegraphers Of The Civil War* . 1st edition, 1962. A fascinating true account of young Civil War telegraphers. Written by an authority in the field, this book provides a unique view of this special group. Includes a nicely illustrated dust jacket. The author is noted for his important book, "Old Wires and New Waves". 159 pages. 6 photos. Very Good condition. Rare. \$75.00

285. HAUSMANN, ERICH; *Telegraph Engineering* . 2nd edition, 1922. A reference book for practicing telegraph and telephone engineers. It describes many telegraphic devices and their operation including those used in modern overland and submarine telegraphy. Contains many fine illustrations of early equipment as well as a chapter on municipal telegraphs, explaining their use and operation. 406 pages. 192 illus. Very Good condition. Scarce. \$85.00

Telegraphy

286. HERBERT, T. E.; *Telegraphy* . 1st edition, 1906. A detailed exposition of the telegraph practice of the British Post Office. Prepared over a four year period, it encompasses both theory and application of the telegraph instruments used by the operator. Includes hundreds of illustrations of telegraph apparatus as well as some folding plates. 912 pages. 509 illus. Good + condition. Scarce. \$95.00

287. HOUSTON, EDWIN J. AND KENNELLY, A.E.; *Electric Telegraphy* . 1st edition, 1897. A generously illustrated work on telegraphy covering all forms then in use. Duplex, quadruplex, and multiplex telegraphy as well as facsimile and printing telegraphy are thoroughly explained. Included is the operation and maintenance of submarine telegraphy. 448 pages. 163 illus. Very Good condition. Rare. \$185.00

288. HUBBARD, GEOFFREY; *Cooke And Wheatstone And The Invention Of The Electric Telegraph* . 1st edition, 1965. This work covers the invention and early exploitation of the electric telegraph. Many rare forms of the telegraph are shown and discussed, generally prior to the year 1845. A very informative book. 158 pages. 19 illus. Fine condition. Uncommon. Dust Jacket. \$30.00

289. I.C.S.; *Telephone and Telegraph Engineers' Pocketbook* . 1st edition, 1911. A handy reference book for all those interested in telegraph and telephone systems, location of faults, electricity, magnetism, electrical measurements and batteries. Profusely illustrated with many diagrams and equipment of the period. The cover has a small scuff mark. 398 pages. 285 illus. Very Good condition. Uncommon. \$25.00

290. INTERNATIONAL CORRESPONDENCE SCHOOLS; *A Treatise On Telephony* . 1st edition, 1900. This set of 3 Volumes is bound in 3/4 leather, with some wear to the spines and edges. This is one of the most complete works on telephony of its time. Contains hundreds of illustrations of early telephone apparatus and wiring diagrams. A must for the telephone collector - historian. 1st set we've had for sale! 1447 pages. 999 illus. Good + condition. Rare. \$95.00

291. JONES, WILLIS H.; *Diagrams and Complete Information For Telegraph Engineers and Students* . 1st edition, 1904. This interesting book contains diagrams of the most recent methods employed by electrical engineers in constructing, connecting, and arranging telegraph apparatus. A handy, up-to-date reference for this early time period. The back cover is chipped. 324 pages. 160 illus. Good + condition. Rare. \$35.00

292. KIEVE, JEFFREY; *The Electric Telegraph* . 1st edition, 1973. Here, based on original research, is the history of the telegraph to the present day, and an assessment of the social and economic effects. It's incorporation into the post office is also thoroughly discussed, along with the problems of monopoly. Included is an excellent reference and bibliography chapter. 310 pages. 25 illus. Very Good condition. Scarce. Dust Jacket. \$35.00

Telegraphy

293. LARDNER, DIONYSIUS; *The Electric Telegraph* . 1st edition, 1855. An incredibly early book dedicated to the telegraph. All the various forms of the telegraph are covered in detail, including just about every system that had been devised in Europe up to 1855. Many engravings accompany the text, showing a hump-back key, weight driven register, dial telegraph etc.. The cover is worn & somewhat stained. 244 pages. 92 illus. Good condition. Very Rare. \$345.00

294. MACOMBER, GEORGE S.; *Modern Land and Submarine Telegraphy* . 1st edition, 1914. An up-to-date (?) treatise on the electric telegraph, including the development of modern methods and equipment. A scarce title covering the development of both submarine and land telegraphy, detailing the commercial and technical phases of the art. Contains many nice photos, including an early Vibroplex (Albright) and Morse's first recorder. 89 pages. 59 illus. Very Good condition. Rare. \$95.00

295. MAVER, WILLIAM JR.; *American Telegraphy: Systems Apparatus Operation* . 5th edition, 1912. This famous book by Maver contains all information on the various telegraph systems known up until that time. Included are galvanometers and stocktickers, fire alarm telegraphs & the Edison Phonoplex System. The best reference book on early telegraph apparatus, this copy is a high quality Lindsay reprint nicely bound in simulated leather! 1997 695 pages. 544 illus. Fine condition. . \$35.00

296. MORSE, EDWARD LIND MORSE; *Samuel F. B. Morse: Letters and Journals* . 1st edition, 1914. Contained in 2 volumes, this is the most in-depth study of Morse's life and his work on the telegraph done up to this time. Written by his son, Edward, this well written and useful biography is based on personal notes, journals, and scientific records bearing on the invention of the telegraph. A very nice set of this scarce biography. 988 pages. 26 photos. Very Good condition. Rare. \$125.00

297. NEERING, ROSEMARY; *Continental Dash; The Russian-American Telegraph* . 1st edition, 1989. This is the incredible story of the first telegraph line that was laid from Seattle, Washington to Siberia. Western Union was competing in a colossal race; to complete the overland line before the Atlantic Cable could be laid. Includes a nicely illustrated dust jacket. 230 pages. 34 illus. Fine condition. Uncommon. \$40.00

298. POPE, FRANK L.; *Modern Practice of the Electric Telegraph* . 7th edition, 1872. A handbook for electricians and operators of the electric telegraph with descriptions of the galvanic battery, electromagnetism, and telegraph circuits. Many fine illustrations and diagrams of early telegraph equipment are shown, along with some great ads from early manufacturers. From the IEEE Library, the spine has been replaced. 160 pages. 65 illus. Good + condition. Rare. \$55.00

299. PRESCOTT, GEORGE E.; *Electricity and the Electric Telegraph* . 1st edition, 1877. The complete book of electricity and telegraphy, providing a excellent historical account of the art. Describes all the working telegraph systems at the time with hundreds of illustrations of seldom seen apparatus. This was the ultimate telegraph book of its time! The first 170 pages are stained on the right border, the hinges are reinforced. 978 pages. 564 illus. Good + condition. Very Rare. \$195.00

Telegraphy

300. RUSSELL, W.H.; **The Atlantic Telegraph** . 1st edition, 1866. A classic volume and the most colorful chronicle on the subject. 27 Magnificent lithograph plates show vessels, machinery & various landing sites. The progress of the "Great Eastern" is well narrated- a romantic account with a strong basis of fact. This is a quality 1972 reprint by David & Charles Publishers, including a nice dust jacket. 117 pages. 27 illus. Very Good condition. Uncommon. \$45.00

301. THOMPSON, ROBERT LUTHER; **Wiring A Continent** . 1st edition, 1947. This is the complete history of the telegraph industry in the United States from 1832 - 1866. The invention of the telegraph, along with the formation of the companies, the litigation, and other problems are well covered here. An extensive bibliography is also included. Ex-library copy in nice condition. 544 pages. 73 illus. Very Good condition. Uncommon. \$80.00

TRANSISTOR

302. GREINER, R.A.; **Semiconductor Devices and Applications** . 1st edition, 1961. One of the McGraw-Hill Electrical and Electronic Engineering Series. This book describes the origin of the characteristics of semiconductors as well as the applications of these characteristics in electronic circuits. From power supplies to power amplifiers and high-frequency applications, its all here! Includes an 11 page bibliography 493 pages. 274 illus. Very Good condition. Scarce. \$15.00

303. HUNTER, LLOYD D.; **Handbook of Semiconductor Electronics** . 2nd edition, 1962. This landmark manual covers the physics, technology, and circuit applications of transistors, diodes, and photocells. This is one of the most in-depth studies done on solid-state electronics. Includes an extensive 162 page bibliography arranged chronologically, containing thousands of references. This is the 1st copy we've come across! 860 pages. 650 illus. Very Good condition. Scarce. \$35.00

304. SHOCKLEY, WILLIAM; **Electrons And Holes In Semiconductors** . 1st edition, 1956. A landmark work on solid state electronics, this is the first full length book published on the subject. Shockley's disclosure revolutionized the electronics industry, earning him the title of Father of the transister. A nice copy of this exceedingly rare volume, this is the 6th printing. 558 pages. Very Good condition. Rare. \$65.00

305. WRIGHT, D.A.; **Semiconductors** . 1st edition, 1950. A elementary treatise on the properties of semiconductors. Of major interest is a 2 page account of the transistor, perhaps the first time it was referenced in a book written outside the United States. 130 pages. 32 illus. Very Good condition. Scarce. \$25.00

TESLA & HIGH VOLTAGE

Tesla & High Voltage

306. BONNEY, G.E.; **Induction Coils** . 1st edition, 1892. One of the earliest treatises on the subject of spark coil construction, it covers the theoretical design of manufacture, as well as use and repair of induction coils. Includes many engravings of early induction coils, meters, and other electrical apparatus. 231 pages. 101 illus. Very Good condition. Very Rare. \$125.00

307. CURTIS, THOMAS STANLEY; **High Frequency Apparatus** . 2nd edition, 1920. This popular treatise covers the design and construction of all kinds of high frequency apparatus for use in experimental, medical, and plant cultivation work. Details for building a large Tesla coil and a large induction coil are included. 269 pages. 150 illus. Very Good condition. Scarce. \$95.00

308. LLEWELLYN-JONES, F.; **Ionization and Breakdown in Gases** . 1st edition, 1957. The aim of this book is to give an account of the fundamental physics of the electrical breakdown in gases. It gives a physical picture of the process which bring about the fascinating phenomenon of the electric spark. Includes a nice bibliography and many references. 176 pages. 78 illus. Very Good condition. Scarce. \$35.00

309. MARSHALL, ALFRED W.; **The Wimshurst Machine** . 2nd edition, 1908. A practical book on the construction and working of the wimshurst machine, including radiography (X-Rays) and wireless telegraphy, and other static electrical apparatus. The only book that I know of dedicated to the wimshurst machine! The front cover has a static machine nicely embossed in gold! The cover is slightly stained. 112 pages. 30 illus. Good + condition. Very Rare. \$125.00

310. MARTIN, THOMAS COMMERFORD; **Inventions, Researches And Writings Of Nikola Tesla** . 2nd edition, 1977. A rarely seen volume that contains special reference to his work in Polyphase Currents and High Potential Lighting. Profusely illustrated with many of his experiments on High Frequency. This copy is a 1977 reprint of the original which was printed in 1894. Hardbound. 496 pages. 313 illus. Fine condition. Uncommon. \$25.00

311. MILLER, DAYTON CLARENCE; **Sparks, Lightning, Cosmic Rays** . 1st edition, 1939. A fantastic book covering early electricity, Hi-voltage electrostatic generators, wireless, cathode rays, X-rays and cosmic rays. Contains many unusual photos of early spark apparatus, geissler tubes, and various experiments concerning induction coils. Includes a nicely illustrated dust jacket. A few pages have minor moisture damage. 192 pages. 89 illus. Good + condition. Rare. Dust Jacket. \$115.00

312. O'NEILL, JOHN J.; **Prodigal Genius; The Life Of Nikola Tesla** . 1st edition, 1944. The first biography of this great scientist and inventor. A hard to find copy of the first edition which covers most of the important experiments with motors, wireless telegraphy, and high voltage that he performed throughout his long career. Includes a nice dust jacket. 326 pages. Very Good condition. Scarce. \$45.00

Tesla & High Voltage

313. STONG, C.L.; *The Amateur Scientist* . 2nd edition, 1960. This neat book contains experiments and construction details in the fields of astronomy, mathematical machines, optics, aerodynamics, heat and electronics. Many simple experiments are included, but my favorite is the construction of an inexpensive X-Ray machine that utilizes an old radio tube, and a homemade Van de Graaff generator. Verry Nice! 583 pages. 256 illus. Very Good condition. Scarce. \$45.00

314. STORM, MARGARET; *Return of the Dove* . 1st edition, 1959. An unusual and scarce biography of Nikola Tesla. The author has an interesting point of view, elaborating on the genius & his encounters with various personalities, including other biographers. Privately printed by the author, a one-of-a-kind focusing on Tesla's cosmic influences. Includes a nice dust jacket. 294 pages. Very Good condition. Rare. \$55.00

315. TESLA, NIKOLA; *Experiments with Alternate Currents of High Potential and High Frequency* . 2nd edition, 1904. A fine 2nd edition of Tesla's epical treatise on high potential and high frequency. To my knowledge, this is the only book that Tesla ever wrote. This edition covers Tesla's experiments on the transmission of electric energy without wires, with photos of his laboratories. 162 pages. 6 photos. 35 illus. Fine condition. Very Rare. \$145.00

316. TESLA, NIKOLA; *The Problem of Increasing Human Energy* . 1st edition, 1900. This is Telsa's famous article in which he describes his various high-voltage apparatus and the experiments that he made with it, and comparing that with the human energy and how that can be increased. there are 10 spectacular photos showing his large coils in action. This has been carefully removed from the Century Magazine, June, 1900. 38 pages. Very Good condition. Rare. Softcover. \$30.00

317. THOMPSON, SILVANUS P.; *Polyphase Electric Currents and Alternate Current Motors* . 2nd edition, 1900. One of the first books dedicated to the theory and applications of the Polyphase motor. The Tesla polyphase motor is covered in depth. Many references are provided as well as a list of patents on the subject, beginning in 1878. Includes 8 folding plates at the rear. The covers are somewhat worn, this is the first copy we've seen! 508 pages. 357 illus. Good condition. Rare. \$65.00

TELEGRAPH-TELEPHONE

318. HIS MAJESTY'S STATIONARY OFFICE; *Army Telegraphy And Telephony Vol. II Lines* . 1st edition, 1909. This book, printed at the beginning of WWI, describes and shows the various telegraph and telephone cables, wiring, poles, fittings, insulators and the testing of all circuits. Profusely illustrated with hundreds of line drawings of early gear. The covers are somewhat stained, but the inside is perfect. 198 pages. Good condition. Scarce. \$55.00

Telegraph-Telephone

319. HOLCOMBE, ARTHUR N.; **Public Ownership of Telephones On The Continent of Europe** . 1st edition, 1911. An examination of the various policies towards the telephone industry in Europe; the private and government-run systems. An excellent overview of the origin and history of European State Telegraph companies is included, as well as a bibliography. This copy is from IEEE Library, it's the first one we've had for sale. 482 pages. Good + condition. Rare. \$85.00

320. OFFICE OF THE CHIEF SIGNAL OFFICER; **Technical Equipment Of The Signal Corps Manual #3** . 1st edition, 1917. This manual relates principally to the latest Signal Corps Equipment used prior to World War I. This attractive copy covers early telephone and telegraph apparatus as well as both submarine and the induction systems of telegraphy. Hundreds of photos and illustrations make this rarely seen book a must for the telegraph & telephone collector. 538 pages. Very Good condition. Rare. \$95.00

321. PAIN, ALBERT BIGELOW; **Theodore N. Vail: A Biography** . 1st edition, 1929. An excellent biography on the former General Manager of the American Bell Telephone Co. His many experiments on early telephony and leadership ability are thoroughly discussed here. This is a perfect copy including a dust jacket, though it is torn on the bottom with some loss. 359 pages. 11 photos. Fine condition. Scarce. \$45.00

TELEVISION

322. (EDITORS) PORTERFIELD, JOHN AND REYNOLDS, KAY; **We Present Television** . 1st edition, 1940. While television was still in its infancy, this book was written to inform the public. Having emerged from the laboratory more than a scientific curiosity, this work explains the technical aspects as well as studio and production details. The contributors are all well known editors and engineers- Very Nice! Includes a nicely illus. dust jacket 298 pages. 44 photos. Very Good condition. Rare. \$55.00

323. (MCGRAW-HILL TELEVISION SERIES) BRETZ, RUDY; **Techniques of Television Production** . 1st edition, 1953. This volume concentrates on principles underlying television equipment and techniques in producing a variety of television functions. Areas cover include the television camera, lenses, cutting & switching equipment, special effects, studio effects, scenery, make-up, audio problems, graphic materials, lighting, and remote pick-ups. Neat! 474 pages. 234 illus. Very Good condition. Scarce. \$30.00

324. (MCGRAW-HILL TELEVISION SERIES); FINK, DONALD G.; **Television Engineering** . 1st edition, 1940. This book provides a technical and practical treatment of methods and equipment, image analysis, camera tubes, scanning beams, video applications and the receiver. It enabled the technical worker to make a transition from familiarity with radio engineering to familiarity with television engineering. 541 pages. 90 photos. 221 illus. Very Good condition. Scarce. \$25.00

Television

325. (MCGRAW-HILL TELEVISION SERIES); GROB, BERNARD; **Basic Television** . 1st edition, 1949. This text presents a comprehensive course in television receivers and transmitters for radio servicemen and technicians. It provides a practical description of television circuits and techniques embracing the difficult problems of television in a simplified way without loss of completeness or accuracy. Includes a nice dust jacket. 596 pages. 426 illus. Very Good condition. Scarce. RF \$20.00

326. ABRAMSON, ALBERT; **Electronic Motion Pictures: A History Of The Television Camera** . 1st edition, 1955. A thorough system of proposals, systems, experiments, innovations, and practices. Includes studio techniques, recording methods, large screen television, and commercial television. This is a very important book on the subject & is referred to by many authors. Contains an excellent bibliography with 375 references. Bottom of few pages slightly stained 212 pages. 93 illus. Good + condition. Rare. D \$95.00

327. APPLETON, VICTOR; **Tom Swift And His Television Detector** . 1st edition, 1933. The first juvenile book printed in the U.S. to deal entirely with television. A must-have for the TV or juvenile book collector. 217 pages. Good + condition. Scarce. RF \$25.00

328. BAILEY, ARNOLD B.; **TV and Other Receiving Antennas** . 1st edition, 1950. Both the radio amateur and the engineer should find this title useful in designing their own antenna system. Rather than overly stress mathematical theory, the author's experience in the field provides a helpful guide to a practical understanding of the subject. From MIT Library, the spine is worn. 595 pages. Good condition. Scarce. R \$20.00

329. BARNOUW, ERIK; **Tube Of Plenty- The Evolution Of American Television** . 1st edition, 1975. A history of television and how its progress has been influenced by American culture & society. An excellent volume which provides a condensation and update of the author's famous book; "History Of Broadcasting", which he published a few years prior. Includes a nicely illustrated dust jacket. 518 pages. 164 photos. Fine condition. Uncommon. L \$20.00

330. DE FOREST, LEE; **Television - Today and Tomorrow** . 1st edition, 1942. Written for the lay reader, this rarely seen volume contains much information on the history and status of television in 1945. Of special interest is the chapter on television's future and its influence upon society. Includes a nicely illustrated dust jacket. 361 pages. 76 illus. Very Good condition. Rare. RF \$65.00

331. EDDY, WILLIAM C.; **Television - The Eyes Of Tomorrow** . 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained in detail as well as shown in the many photos present. The television control room, studio, and stage are described in detail. There is even a chapter on color television! 330 pages. Very Good condition. Scarce. R \$55.00

Television

332. FELIX, EDGAR H.; **Television- It's Methods And Uses** . 1st edition, 1931. An early treatise on scanning disc television, with only a casual mention of the cathode ray system. Containing many photos of early apparatus and experiments, it also includes an interesting chapter on the future of television. 272 pages. 73 illus. Very Good condition. Rare. \$95.00

333. FINK, DONALD G. (EDITOR); **Television Standards And Practices** . 1st edition, 1943. This volume was compiled from the Proceedings Of The National System Television Committee (NTSC), on which are based the standards adopted in 1941 by the FCC for the commercial television broadcasting in the United States. It is a complete and authoritative examination into the television service. 405 pages. 115 illus. Very Good condition. Scarce. \$65.00

334. GABLE, LUTHER S.H.; **The Miracle Of Television** . 1st edition, 1949. This book explores laboratory work done by the scientists, inventors and technicians. More than just a history, it explains in simple language the inception and development of TV and its future possibilities. Ex-Library. 151 pages. 24 photos. 10 illus. Good + condition. Scarce. \$20.00

335. GOLDSMITH, ALFRED N.; **Television - Volume IV, 1942-1946** . 1st edition, 1948. Published by the RCA Corp., this book contains much information on the early development of electronic television, illustrated with photos of early television apparatus. Included is a bibliography of 275 technical television papers by RCA authors from 1929-1946. 510 pages. 70 photos. 130 illus. Very Good condition. Uncommon. \$30.00

336. HUBBELL, RICHARD; **Television: Programming & Production** . 1st edition, 1945. The purpose of this book is to provide a foundation for the techniques of television program production by analyzing the basic nature of TV, evaluating progress, and suggesting practical ways to improve techniques. In effect, it is a sequel to his earlier book, *4000 Years of Television*. Includes a nicely illustrated dust jacket. 207 pages. 53 photos. 18 illus. Very Good condition. Scarce. \$30.00

337. HUBBELL, RICHARD W.; **4000 Years Of Television: The Story Of Seeing At A Distance** . 1st edition, 1946. Popularly written, nontechnical explanations accompany a typical account of the history of electricity and communications. The American story is supplemented by chapters on foreign television and television in wartime. It even includes a chapter on how to get a job in television! Has a a nicely illustrated dust jacket. 191 pages. Very Good condition. Scarce. \$35.00

338. IRWIN, J.T.; **Oscillographs** . 1st edition, 1925. A concise treatise on the theory, construction and use of electro- magnetic, hot wire, electrostatic and Cathode-Ray Oscillographs. This is probably the earliest book on the subject, it includes a 34 page chapter on the Cathode-Ray oscilloscope! The cover is worn, but has an embossed illus. of an oscillograph! The front blankendpaper is missing 164 pages. 81 illus. Good condition. Rare. . \$45.00

Television

339. JENKINS, C. FRANCIS; **Vision By Radio - Radio Photographs** . 1st edition, 1925. A rarely seen book, which was the first written in the U.S. on the subject of television. Profusely illustrated with photos of early television sending and receiving apparatus. Included is a complete historical sketch of Jenkins' Radio Photography. A very nice copy of a very desirable book. 140 pages. 35 photos. 30 illus. Very Good condition. Rare. \$195.00

340. JONES, CHARLES R.; **Facsimile** . 1st edition, 1949. This landmark book brings together information from many different sources, including the Western Union Co., RCA, Bell Telephone Labs, & Radio Inventions Inc.. It was written for the guidance of the user of facsimile equipment and of the technical man. Emphasis is placed on the devices rather than on theory, as well as operation & servicing. 422 pages. 223 illus. Very Good condition. Rare. \$55.00

341. LYTEL, ALLAN; **TV Picture Projection and Enlargement** . 1st edition, 1949. This book covers the technical development of optically enlarging the size of the TV screen. The principles of reflection, refraction and lenses are dealt with in an easy to read format. A chapter is devoted to various commercial TV receivers employing the projection method of enlarging the screen. Neat! 179 pages. 115 illus. Very Good condition. Scarce. Dust Jacket. \$20.00

342. MALOFF, I.G. AND EPSTEIN, D.W.; **Electron Optics In Television** . 1st edition, 1938. Written by engineers from the RCA research labs, a first hand account of their experiences. This book was principally concerned with uniting the theory of electron optics with its application, the cathode ray tube. Contains hundreds of photos and illustrations. 299 pages. Very Good condition. Scarce. \$40.00

343. NORMAN, BRUCE; **Here's Looking At You: The Story Of British Television 1908 - 1939** . 224th edition, 1984. The story of the birth of British television from its inception in the early years of the 20th century to its temporary closedown because of the war in 1939. The early history is especially told in detail about the scientists & inventors trying to devise the best system. Contains many photos of early TV apparatus; includes a nice dust jacket. 1 pages. 79 photos. 15 illus. Fine condition. Uncommon. \$45.00

344. PUCKLE, O.S.; **Time Bases** . 1st edition, 1943. This book covers the design and development of time bases (Scanning Generators) and includes notes on the Cathode Ray Tube. It is the first authoritative book on the construction, testing and uses of time bases. An excellent historical development of the subject gives coherence to the book. 204 pages. 124 illus. Very Good condition. Scarce. \$20.00

345. RCA; **Practical Television By RCA** . 1st edition, 1939. This is the first booklet produced by RCA intended to give the RCA Victor service personnel and television technicians a practical outline of the television system as a whole, and television reception in particular. It includes many diagrams and photos of various parts of the television receiver & transmitter. The cover is nicely illus.. 39 pages. 62 illus. Very Good condition. Rare. Softcover. \$35.00

Television

346. **RCA TUBE DEPARTMENT; RCA Television Service Data** . 1st edition, 1948. This is the RCA Victor Television Service Data for Models 630TS and 648PTK. It includes the complete schematic diagrams, parts lists, chassis layouts, and alignment procedures. If you've got a 630TS or a 648PTK, then you gotta get this! 64 pages. 68 illus. Very Good condition. Scarce. Softcover. \$25.00

347. **REYNER, J.H.; Cathode-Ray Oscillographs** . 1st edition, 1942. An early book on the use of the oscilloscope and an explanation of its various circuits, construction, operation, and numerous applications. 177 pages. 128 illus. Very Good condition. Uncommon. \$20.00

348. **SHELDON, H. HORTON AND GRISWOOD, E. N.; Television: Present Methods Of Picture Transmission** . 1st edition, 1929. This early book gives a liberal insight into the problems and developments of television, together with details and instructions for building a receiver for the home. Devoted only to Scanning disc, many nice photos of early gear are shown. The covers are lightly soiled, and the rear blank endpaper is spotted and soiled. 194 pages. 129 illus. Good + condition. Rare. \$95.00

349. **TILTMAN, RONALD F.; Television For The Home** . 1st edition, 1927. One of the earliest books on the subject of "Seeing by Wireless". This book deals with the primitive scanning disc television. Both the early history and the future of television are well documented. Contains some nice early photos of John Baird with his apparatus. A beautiful copy! 106 pages. 8 photos. Very Good condition. Rare. \$215.00

350. **UDELSON, JOSEPH H.; The Great Television Race** . 1st edition, 1982. A history Of the American television industry from 1925 - 1941. A comprehensive survey of television research, experiments, and telecasting conducted prior to the medium's commercial authorization in 1941. An excellent book, containing an extensive bibliography and bibliographical essay. 197 pages. 16 photos. 15 illus. Fine condition. Scarce. Softcover. \$45.00

351. **WALKER, R.C. AND LANCE, T.M.C.; Photoelectric Cell Applications** . 2nd edition, 1935. A practical book describing the uses of photoelectric cells in scanning disc television, talking pictures, etc. Contains many photos and illust. concerning the application and development of the photocell. An early book on the subject. The cover is stained along the edges and has been nibbled a bit on the bottom corner. 245 pages. 80 photos. 142 illus. Good + condition. Scarce. \$30.00

352. **WILSON, J.C.; Television Engineering** . 1st edition, 1937. An early treatise on the various systems of television transmitting and receiving. A fine chapter discusses the history of television, while others cover color and stereo TV. A very nice copy of a seldom seen title, one of the folding tables is a facsimile. The forward is by John Logie Baird. 492 pages. 50 photos. 226 illus. Very Good condition. Scarce. \$65.00

Television

353. ZWORYKIN, V., WILSON, E.D.; Photocells And Their Application . 2nd edition, 1934. This very important volume was first published in 1930, and was the first book-length treatise done on the subject. Areas covered include the history, method of production, selenium, scanning disc television, and their future uses. 348 pages. 180 illus. Very Good condition. Scarce. \$40.00

VACUUM TUBES

354. (MAGAZINE); Radio-Craft DeForest Anniversary Number . 1st edition, 1947. This is a special DeForest issue celebrating the 40th anniversary of the vacuum tube. Lee DeForest tells how he invented the audion, Gernsback tells about the first audions on the market; sold thru E.I. Co., Gerald Tyne describes how the first audions were constructed, George Clark tells about the Navy, etc.. Contains many rare photos!! 144 pages. Very Good condition. Scarce. Softcover. \$45.00

355. BRANS, P.H.; Radio Tube Vade Mecum 1952 . 9th edition, 1952. This is the international radio tube bible, endeavouring to describe the data and characteristics for every known type of valve in the world. A highly sought after reference volume, this copy is in nice condition, although the pages are yellowed. 416 pages. Good + condition. Very Rare. Softcover. \$125.00

356. CHAFFEE, E.L. AND OTHERS; Electronic Circuits and Tubes . 1st edition, 1947. A large volume written by the electronics training staff of the Cruff Laboratory at Harvard University. This book presents the basic theory and applications of electronic tubes and and their related electric circuits. A must-have for designers of vacuum tube amplifiers. 994 pages. 824 illus. Very Good condition. Scarce. \$30.00

357. EASTMAN, AUSTIN V.; Fundamentals Of Vacuum Tubes . 2nd edition, 1942. This extensive text deals with thermionic tubes, RF and AF amplifiers, and their associated circuits. Included is much on tube theory and application, as well as many illustrations. An important volume for the understanding of vacuum tube operation. 583 pages. Very Good condition. Uncommon. \$25.00

358. FLEMING, JOHN A.; The Thermionic Valve and its Developments in Radiotelegraphy and Telephony . 1st edition, 1924. A landmark work on the subject. Contained is a 45-page history of the vacuum tube, a 52-page chapter on the Fleming valve and a considerable amount of information on the valve as a oscillator, detector, and amplifier. A nice copy of seldom seen book written by the inventor of the two element vacuum tube. Includes many nice photos & illustrations 438 pages. 280 illus. Good + condition. Rare. \$85.00

359. GENERAL ELECTRIC CO.; Electronic Tubes . 1st edition, 1956. Contained in two volumes, these massive vacuum tube manuals are in loose-leaf format and contain operating characteristics, base & cap drawings, application aids and curves for most vacuum tubes. Together these babies weigh 11 pounds! 2000 pages. Very Good condition. Very Rare. \$245.00

Vacuum Tubes

360. GEPPERT, DONOVAN V.; **Basic Electron Tubes** . 1st edition, 1951. This book gives a satisfying treatment of the physics and mathematics of the electron tube. Each chapter is devoted to one specific type of electron tube, ie; Diodes, High-Vacuum triodes, Pentodes & Tetrodes, Beam Power tubes & special purpose types. Each chapter contains its own bibliographic references. One of the McGrawHill Engineering series 332 pages. 135 illus. Very Good condition. Scarce. \$35.00

361. HALLOWS, R.W. AND MILWARD, H.K.; **Introduction To Valves** . 1st edition, 1953. This book describes the principles of operation of the radio tube and its uses in circuits of various types, including RF, audio and power output applications. There is underlining throughout most of the book. This is the first copy we've seen. 152 pages. 107 illus. Good + condition. Scarce. Dust Jacket. \$25.00

362. HENNEY, KEITH; **Electron Tubes In Industry** . 2nd edition, 1937. This extensive text deals with thermionic tubes, amplifiers, light-sensitive tubes and applications, cathode-ray tubes, and miscellaneous tubes and circuits. Each chapter has its own bibliography. 539 pages. 400 illus. Very Good condition. Common. \$15.00

363. MACGREGOR-MORRIS, J.T.; **The Inventor of the Valve** . 1st edition, 1954. This is a seldom seen biography of Sir Ambrose Fleming, published on the 50th anniversary of the filing of the patent for the Fleming valve. An excellent biography of Fleming's early life and inventions. A chronological list of Fleming's books is included in this pristine copy. 141 pages. 22 illus. Fine condition. Rare. \$75.00

364. MOYER, JAMES A. AND WOSTREL, JOHN F.; **Radio Receiving Tubes** . 2nd edition, 1931. The essential principles underlying the operation of vacuum tubes are explained, as well as the practical applications of two and three element tubes. A hard to find title, this book also includes a chapter on the history of the vacuum tube. From the George Shiers' Library, with his bookplate. 323 pages. 203 illus. Good + condition. Rare. \$25.00

365. PETERS, LEO JAMES; **Thermionic Vacuum Tube Circuits** . 1st edition, 1927. An excellent technical treatise dealing with the application of vacuum tubes in audio and RF circuits. There are clear photos of early vacuum tubes in the first chapter, although somebody wrote small notes next to them. 256 pages. 81 illus. Very Good condition. Scarce. \$25.00

366. RCA TUBE DEPARTMENT; **RCA Receiving Tube Manual RC-29** . 29th edition, 1973. This is RCA's type RC 29 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. We have a large selection of RCA tube manuals from R- 10 through RC 30, as well as other large & desirable tube manuals- Just Ask! 752 pages. Very Good condition. Uncommon. Softcover. \$35.00

367. RCA TUBE DEPARTMENT; **RCA Receiving Tube Manual** . 30th edition, 1975. This is RCA's type RC-30 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. We have a large selection of RCA tube manuals from RC 12 through RC 29 as well as other large & desirable tube manuals- Just Ask! 758 pages. Very Good condition. Common. Softcover. \$50.00

Vacuum Tubes

368. REICH, HERBERT J.; **Theory And Applications Of Electron Tubes** .
1st edition, 1939. Primarily a text for college students, this book should also prove valuable to engineers as a reference work. Its foundation is in the fundamental principles and analysis of electron tubes & their applications. Contains much on voltage, current and audio power amplifiers. Includes hundreds of illustrations and diagrams. 670 pages. Very Good condition. Uncommon. \$25.00

369. SCOTT-TAGGART, JOHN; **Elementary Text-Book on Wireless Vacuum Tubes** .
3rd edition, 1922. This most noted book on vacuum tubes contains an entire chapter on the Fleming valve! Other interesting chapters are The Three-Electrode Vacuum Tube, Regenerative Receiving, Continuous Wave Circuits, Vacuum Tube Transmitters and Radio-Telephony Systems. Knight's List # 267 232 pages. 136 illus. Very Good condition. Scarce. \$65.00

370. SEELY, SAMUEL; **Electron-Tube Circuits** . 1st edition, 1950. This comprehensive volume developed from a series of courses taught by the author on tube circuits used during WWII. It covers fundamental properties and applications, with an emphasis on audio amplification as well as a variety of other areas including radar. 529 pages. 435 illus. Very Good condition. Scarce. \$30.00

371. SEELY, SAMUEL; **Electronic Engineering** . 1st edition, 1956.
Written by the famous author of other vacuum tube volumes, this book covers all aspects of the vacuum tube in amplifier, oscillator and electronic computing circuits. Sweep generator and rectifier circuits are discussed, as well as general network analysis. The last 2 chapters deal with solid-state theory & applications. 525 pages. Very Good condition. Scarce. \$20.00

372. SPANGENBERG, KARL R.; **Vacuum Tubes** . 1st edition, 1948. An excellent reference source for experimenters & designers, this book incorporates basic relations, physical data and vacuum tube theory. Many diagrams accent the text. One of the much sought after volumes from the McGraw-Hill Engineering Series. 860 pages. 395 illus. Very Good condition. Scarce. \$75.00

373. TYNE, GERALD F. J.; **Saga Of The Vacuum Tube** . 1st edition, 1977.
This is the first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. Now out of print and getting tough to obtain, this book is in very nice condition. 494 pages. Very Good condition. Common. Dust Jacket. \$65.00

374. VALLEY, GEORGE E. AND WALLMAN, HENRY; **Vacuum Tube Amplifiers** .
1st edition, 1948. THE FAMOUS BOOK on vacuum tube amplifiers, discussing the principles of circuit design used in linear and non-linear amplifiers. It represents a compilation of work done by many in cooperative research, covering the subject extensively. 743 pages. 475 illus. Very Good condition. Scarce. \$95.00

Vacuum Tubes

375. VAN DER BIJL, H.J.; *The Thermionic Vacuum Tube* . 1st edition, 1920. This is the first thorough treatise done on the vacuum tube. All aspects are covered, including its use as an amplifier, oscillator, modulator, and detector. The top of the spine is worn. 391 pages. 232 illus. Good + condition. Scarce. \$40.00

WIRELESS BOOKS<1920

376. (TRADE CATALOG); *The William B. Duck Co. Catalog No. 16* . 1st edition, 1921. This catalog represents a complete line of wireless instruments, complete transmitters, receivers, parts, books, detectors etc. The "Sears Catalog" for the wireless man, and fascinating reading for the early radio lovers. Hundreds of photos of early apparatus, with names ranging from Paragon to Kennedy. In nice condition with minimal wear. 256 pages. Good + condition. Rare. Softcover. \$55.00

377. BISHOP, LEON W.; *The Wireless Operator's Pocketbook Of Information And Diagrams* . 1st edition, 1911. An excellent volume covering all the details of wireless telegraphy needed to build and operate your own station. The author, who worked with John Stone Stone, aided by Greenleaf Whitier Pickard, has illustrated some early Wireless Specialty detectors and equipment. The appendix contains a listing of stations. Knight List # 25. 200 pages. 105 illus. Good condition. Rare. \$95.00

378. BUCHER, ELMER E.; *The Wireless Experimenter's Manual* . 2nd edition, 1920. This work describes the design of wireless transmitting and receiving apparatus; their circuits & tuning along with many other special features. Included are numerous illustrations, diagrams and photos of early wireless gear. Knight List # 45. 341 pages. 273 illus. Very Good condition. Uncommon. \$20.00

379. BUCHER, ELMER E.; *Practical Wireless Telegraphy* . 2nd edition, 1917. A complete textbook for students of wireless communication. Includes 334 photos and illustrations, along with many pages of descriptions of early Marconi receivers and transmitters. This is the early printing, with the covers in Green! Knight's List # 44. 336 pages. Very Good condition. Uncommon. \$20.00

380. BULLARD, CAPTAIN W.H.G.; *Naval Electricians' Text Book, Volumes I and II* . 3rd edition, 1915. Volume I highlights the theory behind wireless telegraphy. It contains chapters on wireless apparatus, especially describing and illustrating the WSA IP-76 and Cohen Type A receivers. Vol. II concentrates on the practical applications of motors, telephone systems, and fire control systems. A very nice example of this important set. Knight's List # 47 1733 pages. 842 illus. Good + condition. Scarce. \$95.00

381. COLLINS, A. FREDERICK; *The Book of Wireless* . 2nd edition, 1917. This work gives a clear description of wireless telegraph sets and how to make and operate spark transmitters and receivers. Contains many fine illustrations of early wireless gear, and details on constructing one's own wireless apparatus. It has a nicely embossed illustrated cover of a man at his spark transmitter. Knight's List # 56. 222 pages. 219 illus. Very Good condition. Scarce. \$35.00

Wireless Books<1920

382. COLLINS, FREDERICK A.; **Wireless Telegraphy- Its History, Theory and Practice** . 1st edition, 1905. Collins' famous work containing a complete history, chapter by chapter of transmitters, receivers, detectors, keys, and even 5 pages on wireless telephony! Probably the best all-around book of the period. A must for the bookshelf of any wireless historian! Knight's List # 59. 299 pages. 122 photos. 200 illus. Very Good condition. Very Rare. \$245.00

383. COURSEY, PHILIP R.; **Telephony Without Wires** . 1st edition, 1919. An early treatise covering the art of wireless telephony as complete as could be compiled at the time. Contains 249 photos & illustrations and a 30-page bibliography on various wireless subjects. One of the more accurate books on the subject, covering both the Marconi and De Forest systems. Knight's List # 63. 414 pages. Very Good condition. Scarce. \$85.00

384. DOWSETT, H. M.; **Wireless Telegraphy And Telephony: First Principles, Present Practice And Testing** . 1st edition, 1920. This book explains the apparatus and instruments used in 1920, including arc and spark transmitters, crystal and valve receivers, and even direction finders. Many types of Marconi wireless gear are shown, with their respective circuit diagram and description. Probably the best reference for photos and details of early Marconi gear. Knight 76 331 pages. 305 illus. Very Good condition. Rare. \$125.00

385. EDELMAN, PHILIP E.; **Experimental Wireless Stations** . 3rd edition, 1922. The theory, design, construction and operation of experimental wireless stations including wireless telephony and quenched spark systems are well discussed and illustrated. Both receivers and transmitters are covered, explaining crystal and tube circuits. Knight List # 82. 392 pages. 167 illus. Good + condition. Scarce. \$25.00

386. ERSKINE-MURRAY, JAMES; **A Handbook of Wireless Telegraphy** . 3rd edition, 1911. An excellent treatise on the subject of wireless telegraphy, including a nice history of the art. Covers the different systems in use at the time, including Marconi, Fessenden, Lodge-Muirhead, Telefunken, and the De Forest system. An exceedingly hard book to find, especially in such nice condition. Knight's List # 88. 386 pages. 186 illus. Very Good condition. Very Rare. . \$225.00

387. FLEMING, J.A.; **An Elementary Manual of Radiotelegraphy and Radiotelephony** . 3rd edition, 1916. This famous book contains a complete explanation on pre-WWI wireless telegraph circuits. Also included are complete wireless stations and an excellent chapter on early radio telephony. Contains many early illustrations of wireless apparatus. Knight's List # 99. 360 pages. 30 photos. 131 illus. Very Good condition. Scarce. \$60.00

388. FLEMING, JOHN AMBROSE; **The Wireless Telegraphist's Pocket Book of Notes, Formulae, and Calculations** . 2nd edition, 1915. An excellent treatise on the subject of calculations connected with radiotelegraphy. A scarce book including photos of wireless apparatus, and decorated with gold-leaved edges, this is the nicest copy of this title we've had for sale! Knight's List # 92. 347 pages. 38 illus. Very Good condition. Rare. \$55.00

Wireless Books<1920

389. FLEMING, JOHN AMBROSE; **The Wonders of Wireless Telegraphy** . 1st edition, 1913. A much sought-after book which contains a non-technical description of all phases of wireless telegraphy. Includes some interesting illus. and photos, such as a frog's leg receiver, together with a schematic diagram, and early wireless apparatus. A rarely seen edition, with very little wear! Knight's List # 97. 279 pages. 54 illus. Very Good condition. Rare. \$115.00

390. FRASER, DAVID; **A Modern Campaign; or, War and Wireless Telegraphy In The Far East** . 1st edition, 1905. This is the first published account of the use of wireless in wartime, each chapter written only days after the battles had occurred. Establishing the wireless stations and their effect on the war is looked at indepth. Contained in a beautiful fine binding, this is the first copy we've had listed in our catalog. Knight's List # 105. 356 pages. 24 illus. Very Good condition. Very Rare. \$115.00

391. GIBSON, CHARLES R.; **Wireless Telegraphy And Telephony Without Wires** . 1st edition, 1914. A popular account of the past and present of wireless telegraphy and telephony. Written for the layman, this book does an excellent job in explaining the evolution and development of wireless. Includes many nice photos and illustrations of early wireless gear. Knight's List # 109. 156 pages. 9 photos. 19 illus. Very Good condition. Scarce. \$85.00

392. GOLDSMITH, ALFRED N.; **Radio Telephony** . 1st edition, 1918. An excellent treatise on the subject of wireless telephony. This early work covers the Poulson Arc, Alexanderson, and DeForest systems as well as many others. Profusely illustrated with over 100 photos of early wireless apparatus. Knight's List # 111 247 pages. 110 photos. 116 illus. Good + condition. Uncommon. \$30.00

393. GUNTHER, HANNS; **Radiotechnik** . 1st edition, 1921. An early German title on radio, written before the broadcast boom in Germany. Includes a nice history on the subject, focusing on the early pioneers. The Frontis illustration depicts line drawings of the German wireless experimenters as well as Hertz and Maxwell. 78 pages. 28 illus. Very Good condition. Rare. \$75.00

394. HARRIS, PERCY W.; **The Maintenance of Wireless Telegraph Apparatus** . 1st edition, 1917. A rarely seen book prepared for wireless telegraph operators during WWI. Included are many photos of early Marconi apparatus, such as 1/2 KW Transmitter, Marconi Type 16 Crystal Set, No.18, No.26, No.31, the magnetic detector, multiple tuner, Fleming valve receiver, with schematics and service information for others. Knight's List #127 127 pages. 22 photos. 30 illus. Very Good condition. Rare. \$125.00

Wireless Books<1920

395. HAWKHEAD, J.C. & DOWSETT, H.M.; **Handbook Of Technical Instruction For Wireless Telegraphists** . 2nd edition, 1918. An excellent book covering all phases of wireless telegraphy used in commercial applications. Illustrated with Marconi gear, complete instructions are given in the use of their equipment. This book includes most of the information needed for Marconi operators. Knight's List # 132, a 1" x 2" corner is cut from the blank endpaper. 310 pages. 242 illus. Very Good condition. Rare. \$75.00

396. HOYLE, BERTRAM; **Standard Tables And Equations In Radio Telegraphy** . 1st edition, 1919. This book extends the scope of the number of equations and tables which were given in the "Marconi Yearbook Of Wireless Telegraphy", adding numerous tables and equations facilitating calculations occurring in the subject of wireless telegraphy. Knight's List # 145 159 pages. Very Good condition. Scarce. \$25.00

397. KENNELLY, A.E.; **Wireless Telegraphy And Telephony** . 2nd edition, 1909. An excellent well-known treatise on wireless telegraphy, and the primitive forms of wireless telephony. Many nice illustrations of early equipment are shown. The different applications of wireless are presented, especially the future uses of wireless telephony. Knight's List # 153. 279 pages. 84 illus. Good + condition. Rare. \$125.00

398. KERR, RICHARD; **Wireless Telegraphy Popularly Explained** . 6th edition, 1903. This is the first book on wireless in the English language that had been written to that time. A few months after the first edition Oliver Lodge changed his book to "Signalling Through Space Without Wires". This book contains what was then known about the art. The cover is beautifully embossed with an illus. of a coherer receiver. Knight #154 120 pages. 13 illus. Very Good condition. Very Rare. \$345.00

399. MASSIE, WALTER W. AND UNDERHILL, CHARLES R.; **Wireless Telegraphy and Telephony** . 1st edition, 1908. An excellent early work on wireless, containing a nice history and description of the apparatus used in the art. Includes 28 photos and illustrations and a special 5-page article by Nikola Tesla on the future of the wireless art. Knight List # 188. 76 pages. Very Good condition. Rare. \$75.00

400. MILLAR, A.H.; **James Bowman Lindsay (Wireless Telegraphy)** . 1st edition, 1925. This biography covers the work and life history of James Bowman Lindsay. His electrical researches including the first publicly shown electric light and his system of wireless telegraphy in 1859 were milestones in the history of technology. Contains a forward by Senator Marconi and is embossed "Wireless Telegraphy" on the front cover. 96 pages. 8 photos. Very Good condition. Rare. \$95.00

401. MORGAN, A.P.; **Wireless Construction and Installation For Beginners** . 4th edition, 1919. A practical handbook giving detailed instruction for the step by step construction and operation of a wireless outfit, spark transmitter and crystal receivers. In very nice condition, it portrays a wireless operator and his station on the front cover. 72 pages. 67 illus. Very Good condition. Scarce. Softcover. \$25.00

Wireless Books<1920

402. NAIRZ, O.; **Die Radiotelegraphie** . 1st edition, 1908. An incredible title on the art of wireless telegraphy, written in German. This book contains many photos of wireless transmitters, receivers and installations, most of which I've never seen published anywhere else. There are even chapters on wireless telephony and military wireless. Knight List # 215. 271 pages. 153 illus. Very Good condition. Very Rare. \$225.00

403. PIERCE, GEORGE W.; **Electric Oscillations and Electric Waves** . 1st edition, 1920. This book presents a mathematical treatment of the fundamentals of the theory of electric oscillations and electric waves as applicable to telephony and radiotelegraphy. Knight List # 227 517 pages. 100 illus. Very Good condition. Scarce. \$45.00

404. POINCARE, H. AND VREELAND, FREDERICK K.; **Maxwell's Theory and Wireless Telegraphy** . 1st edition, 1904. The first part of this book describes the physical treatment of Maxwell's Theory and Hertz's oscillator, while the second part shows the application of those theories in relation to wireless telegraphy. An excellent book which demonstrates the importance of Maxwell's mathematical investigations. Knight's List # 235 255 pages. 145 illus. Good + condition. Very Rare. \$195.00

405. REIN, H. AND WIRTZ, K.; **Radiotelegraphisches Praktikum** . 3rd edition, 1922. Practical radiotelegraphy as explained in German. This book contains many photos and illustrations of early European wireless apparatus plus 7 folding graphs. The book is written on high quality glossy paper and is in very nice condition. 559 pages. 432 illus. Very Good condition. Rare. \$85.00

406. ROBISON, CAPT. S.S.; **Manual Of Wireless Telegraphy 1915** . 4th edition, 1915. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy before WWI. Contains many illustrations and photos of apparatus in use at that time. A nice copy of a desireable book. Knight's list # 252. 243 pages. 117 illus. Good + condition. Rare. \$55.00

407. SCOTT-TAGGART, JOHN; **Thermionic Vacuum Tubes In Radio Telegraphy And Telephony** . 2nd edition, 1924. Covering all aspects of the vacuum tube, this is one of the earliest treatises written on the subject. Profusely illustrated, both receiving and CW transmitting tubes and their associated circuits are well defined. There is even an entire chapter devoted to the 2-element Fleming valve! A very nice copy! Knight's List # 266 470 pages. 388 illus. Very Good condition. Scarce. \$85.00

408. SLEEPER, M.B.; **How To Make Commercial Type Apparatus** . 1st edition, 1922. This book was for those who wanted their equipment ot look and perform as well as the commercial wireless gear. This book shows many rare and unusual Navy receivers including Wireless Specialty, Wireless Improvement, Western Electric, Marconi, Grebe, and others! The title page is missing the bottom right corner, not affecting any text. 159 pages. 96 illus. Good + condition. Rare. Softcover. \$35.00

Wireless Books<1920

409. STANLEY, RUPERT; *Textbook On Wireless Telegraphy* . 1st edition, 1917. This book relays extensive information on early spark transmitters, commercial crystal receivers, and miscellaneous apparatus used in the measuring and testing of wireless instruments. Contains many illus. of early Marconi wireless gear. Knight List # 282. 344 pages. 201 illus. Good + condition. Scarce. \$65.00

410. STORY, A.T.; *The Story of Wireless Telegraphy* . 1st edition, 1904. A complete history and practical application of wireless telegraphy, including anticipations of radio telephony and the future of wireless. A very desirable book for the radio historian. The cover is nicely illustrated with a photo of an early wireless station. Knight List # 286. 186 pages. 56 illus. Very Good condition. Rare. \$95.00

411. TREVERT, EDWARD; *The A-B-C of Wireless Telegraphy* . 1st edition, 1904. An excellent early treatise on wireless telegraphy embracing theory, methods of operation, and the building of various wireless apparatus. A historical study is included, along with an appendix on the Marconi and Stone systems of wireless telegraphy. An very nice copy. Knight's List # 303 116 pages. 35 illus. Very Good condition. Rare. \$75.00

412. WACE, LT. COL. (HMSO); *Wireless Telegraphy Manual for His Majesty's Fleet 1912* . 1st edition, 1912. One of the first books written for officers and men of His Majesty's Naval Service on the subject of wireless telegraphy. This book was used in the practical and theoretical instruction of all areas of wireless. The title page is a facsimile, otherwise there is very wear. This is the first copy we've had for sale! Knight's List # 121. 370 pages. 160 illus. Good + condition. Very Rare. \$125.00

413. WILLIS, S.J.; *Elementary Mathematics And Their Applications to Wireless Telegraphy* . 1st edition, 1917. This book comprises a revised and enlarged arrangement of the Instructional Articles printed in the Wireless World from September, 1915 to March, 1917. Published by The Wireless Press Ltd., Marconi House, Strand. Knight List # 328 182 pages. 120 illus. Very Good condition. Scarce. \$25.00

414. ZENNECK, J; *Elektromagnetische Schwingungen und Drahtlose Telegraphie* . 1st edition, 1905. This massive treatise on drahtlose (Wireless) telegraphy is definitely the most thorough treatment on the art up to its day. It covers the various systems in use at the time, including DeForest, Marconi and Braun. At the rear of the book is an extensive reference section containing 377 entries relating to the text. Nice!! Knight List # 336 1019 pages. 802 illus. Good + condition. Extremely Rare. \$395.00

415. ZENNECK, J.; *Leitfaden Der Drahtlosen Telegraphie* . 1st edition, 1909. This is Zenneck's 2nd book, a seldom seen title. Containing many many photos of early receivers and transmitters & related items, the text is in German. A very thorough study on the art, probably the most important on a German Wireless Man's shelf! Knight List # 334. 384 pages. 323 illus. Good + condition. Very Rare. \$225.00

X-RAYS

416. (PERIODICAL); *The Electrician Volume 36 (November 1895 - April 1896)* . 1st edition, 1896. This volume contains the second English printing of the original disclosure by Rontgen on his discovery of the X-Rays. The first English disclosure was a day earlier in the magazine, "Nature"! WoW! This volume includes other articles on the Rontgen ray. From the William Stanley Library at GE, the spine has been replaced. 876 pages. Good + condition. Very Rare. \$125.00

417. BURDICK, GORDON G.; X-Ray and High Frequency In Medicine . 1st edition, 1909. The physics of the X-Ray are discussed in detail, with many illustrations showing the various apparatus. X-Ray therapy is included in the next section of the book, with many photos of diseases in their various stages of growth. The last part of the book covers the theory and applications of high-frequency current. 1st copy we've had! 318 pages. 72 illus. Good + condition. Rare. \$125.00

418. DIBNER, BERN; The New Rays of Professor Rontgen . 1st edition, 1963. An excellent treatise on the complete history of the X-Ray, including many rarely seen photos of apparatus connected with the discovery. Portrayed is a copy of the first announcement published in the periodical "The Electrician", and a nice bibliography. 56 pages. 31 photos. Very Good condition. Uncommon. Softcover. \$25.00

419. GRIGG, E.R.N., M.D.; The Trail Of The Invisible Light . 1st edition, 1965. THE FIRST COMPREHENSIVE history of X-ray providing an excellent insight into the early radiologists and progression of developments. Chronologically organized, the multitude of photos & illustrations complement this incredible text, completed with an extensive biblio. A must for the serious historian! This is the 1st copy we've had! 974 pages. 999 photos. 999 illus. Very Good condition. Rare. \$295.00

420. JERMAN, EDWARD C.; Modern X-Ray Technic . 1st edition, 1928. The author was a teacher in X-Ray technology over a period of many years. He wrote this volume as an instruction manual for developing a systematic method of procedure in the field. Profusely illustrated with many photos and plates of X-Ray tubes and apparatus. 260 pages. Very Good condition. Scarce. \$45.00

421. KAYE, G.W.C.; X Rays . 1st edition, 1914. An introduction to the study of X-Rays with an account of the present day methods, and development of both the theory and apparatus used in the art. Includes chapters on cathode rays and the discovery of X-Rays, as well as a short interview with Roentgen & the production of high vacua. 252 pages. 97 illus. Very Good condition. Rare. \$75.00

422. KNOX, ROBERT AND LEVITT, WALTER M.; A Textbook of X-Ray Therapeutics . 1st edition, 1932. This is an extensive journal which covers the treatment of disease by X-Ray radiation. It contains many photos and illustrations of early X-Ray apparatus as well as the patients involved. Includes an extensive 6 page bibliography. 250 pages. 36 photos. 94 illus. Very Good condition. Rare. \$45.00

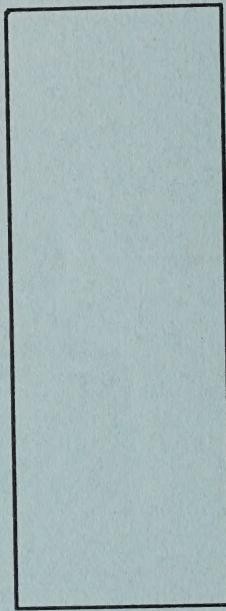
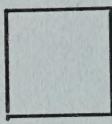
423. MOWAT, HAROLD; X-Rays: How To Produce and Interpret Them . 1st edition, 1915. An early text covering the theory and application of X-Ray technology. Includes many photos of the apparatus as well as actual X-Rays of various parts of the human body. 1st copy we've come across, it's in perfect condition. 204 pages. 106 illus. Fine condition. Rare. \$65.00

424. ROCKWELL, A.D.; The Medical and Surgical Uses Of Electricity . 2nd edition, 1896. A large volume containing much on quack medicine as applied to electricity, along with many illustrations of exotic and unusual early apparatus. An entire chapter is devoted to the Rontgen Ray, which had just been discovered in December, 1895. A very nice copy with some spots on the front cover. 612 pages. 200 illus. Good + condition. Rare. \$195.00

425. TOUSEY, SINCLAIR; Medical Electricity And Rontgen Rays . 2nd edition, 1915. The most extensive work done on the subject up to that time. This rarely seen volume contains the theory and application of various types of electricity as applied to medicine. Many illustrations of early X-Ray and quack medical apparatus are shown, including 16 full color plates. A very desirable copy of a seldom seen title. 1219 pages. 798 illus. Very Good condition. Rare. \$245.00

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